

Package ‘NISTunits’

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SI (International System of Units) and non-SI units, plus unit conversions
Based on the data from NIST (National Institute of Standards and Technology, USA)

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CompactFactorNames	<i>compact the factor names to camelCase</i>
--------------------	--

Description

CompactFactorNames compacts the factor names from separate words to camel case

Usage

```
CompactFactorNames(s)
```

Arguments

s string with the factor names'

Value

string with names in camelCase

Author(s)

Jose Gama

Examples

```
CompactFactorNames('ton of refrigeration (12 000 BtuIT/h)')
```

```
CompactPhysicalConstantNames
```

compact the physical constant names to camelCase

Description

CompactPhysicalConstantNames compacts the physical constant names from separate words to camel case

Usage

```
CompactPhysicalConstantNames(s)
```

Arguments

s string with the physical constant names'

Value

string with names in camelCase

Author(s)

Jose Gama

Examples

```
CompactPhysicalConstantNames('ton of refrigeration (12 000 BtuIT/h)')
```

FixFactorNames	<i>Replaces unicode with ASCII in factor names</i>
----------------	--

Description

FixFactorNames replaces unicode with ASCII in factor names

Usage

FixFactorNames(s)

Arguments

s string with the factor names'

Value

string with ASCII instead of unicode

Author(s)

Jose Gama

Examples

FixFactorNames('\u00e5ngstr\u00f6m')

kNIST2010latticeSpacingOfSilicon
<i>NIST Physical Constants</i>

Description

kNIST2010latticeSpacingOfSilicon lattice spacing of silicon
kNIST2010alphaParticleElectronMassRatio alpha particle-electron mass ratio
kNIST2010alphaParticleMass alpha particle mass
kNIST2010alphaParticleMassEnergyEquivalent alpha particle mass energy equivalent
kNIST2010alphaParticleMassEnergyEquivalentInMeV alpha particle mass energy equivalent in MeV
kNIST2010alphaParticleMassInU alpha particle mass in u
kNIST2010alphaParticleMolarMass alpha particle molar mass
kNIST2010alphaParticleProtonMassRatio alpha particle-proton mass ratio
kNIST2010AngstromStar Angstrom star

kNIST2010atomicMassConstant atomic mass constant
kNIST2010atomicMassConstantEnergyEquivalent atomic mass constant energy equivalent
kNIST2010atomicMassConstantEnergyEquivalentInMeV atomic mass constant energy equivalent in MeV
kNIST2010atomicMassUnitElectronVoltRelationship atomic mass unit-electron volt relationship
kNIST2010atomicMassUnitHartreeRelationship atomic mass unit-hartree relationship
kNIST2010atomicMassUnitHertzRelationship atomic mass unit-hertz relationship
kNIST2010atomicMassUnitInverseMeterRelationship atomic mass unit-inverse meter relationship
kNIST2010atomicMassUnitJouleRelationship atomic mass unit-joule relationship
kNIST2010atomicMassUnitKelvinRelationship atomic mass unit-kelvin relationship
kNIST2010atomicMassUnitKilogramRelationship atomic mass unit-kilogram relationship
kNIST2010atomicUnitOf1stHyperpolarizability atomic unit of 1st hyperpolarizability
kNIST2010atomicUnitOf2ndHyperpolarizability atomic unit of 2nd hyperpolarizability
kNIST2010atomicUnitOfAction atomic unit of action
kNIST2010atomicUnitOfCharge atomic unit of charge
kNIST2010atomicUnitOfChargeDensity atomic unit of charge density
kNIST2010atomicUnitOfCurrent atomic unit of current
kNIST2010atomicUnitOfElectricDipoleMom atomic unit of electric dipole mom.
kNIST2010atomicUnitOfElectricField atomic unit of electric field
kNIST2010atomicUnitOfElectricFieldGradient atomic unit of electric field gradient
kNIST2010atomicUnitOfElectricPolarizability atomic unit of electric polarizability
kNIST2010atomicUnitOfElectricPotential atomic unit of electric potential
kNIST2010atomicUnitOfElectricQuadrupoleMom atomic unit of electric quadrupole mom.
kNIST2010atomicUnitOfEnergy atomic unit of energy
kNIST2010atomicUnitOfForce atomic unit of force
kNIST2010atomicUnitOfLength atomic unit of length
kNIST2010atomicUnitOfMagDipoleMom atomic unit of mag. dipole mom.
kNIST2010atomicUnitOfMagFluxDensity atomic unit of mag. flux density
kNIST2010atomicUnitOfMagnetizability atomic unit of magnetizability
kNIST2010atomicUnitOfMass atomic unit of mass
kNIST2010atomicUnitOfMomUm atomic unit of mom.um
kNIST2010atomicUnitOfPermittivity atomic unit of permittivity
kNIST2010atomicUnitOfTime atomic unit of time
kNIST2010atomicUnitOfVelocity atomic unit of velocity
kNIST2010AvogadroConstant Avogadro constant

kNIST2010BohrMagnetron Bohr magneton
kNIST2010BohrMagnetronInEVT Bohr magneton in eV/T
kNIST2010BohrMagnetronInHzT Bohr magneton in Hz/T
kNIST2010BohrMagnetronInInverseMetersPerTesla Bohr magneton in inverse meters per tesla
kNIST2010BohrMagnetronInKT Bohr magneton in K/T
kNIST2010BohrRadius Bohr radius
kNIST2010BoltzmannConstant Boltzmann constant
kNIST2010BoltzmannConstantInEVK Boltzmann constant in eV/K
kNIST2010BoltzmannConstantInHzK Boltzmann constant in Hz/K
kNIST2010BoltzmannConstantInInverseMetersPerKelvin Boltzmann constant in inverse meters per kelvin
kNIST2010characteristicImpedanceOfVacuum characteristic impedance of vacuum
kNIST2010classicalElectronRadius classical electron radius
kNIST2010ComptonWavelength Compton wavelength
kNIST2010ComptonWavelengthOver2Pi Compton wavelength over 2 pi
kNIST2010conductanceQuantum conductance quantum
kNIST2010conventionalValueOfJosephsonConstant conventional value of Josephson constant
kNIST2010conventionalValueOfVonKlitzingConstant conventional value of von Klitzing constant
kNIST2010CuXUnit Cu x unit
kNIST2010deuteronElectronMagMomRatio deuteron-electron mag. mom. ratio
kNIST2010deuteronElectronMassRatio deuteron-electron mass ratio
kNIST2010deuteronGFactor deuteron g factor
kNIST2010deuteronMagMom deuteron mag. mom.
kNIST2010deuteronMagMomToBohrMagnetronRatio deuteron mag. mom. to Bohr magneton ratio
kNIST2010deuteronMagMomToNuclearMagnetronRatio deuteron mag. mom. to nuclear magneton ratio
kNIST2010deuteronMass deuteron mass
kNIST2010deuteronMassEnergyEquivalent deuteron mass energy equivalent
kNIST2010deuteronMassEnergyEquivalentInMeV deuteron mass energy equivalent in MeV
kNIST2010deuteronMassInU deuteron mass in u
kNIST2010deuteronMolarMass deuteron molar mass
kNIST2010deuteronNeutronMagMomRatio deuteron-neutron mag. mom. ratio
kNIST2010deuteronProtonMagMomRatio deuteron-proton mag. mom. ratio
kNIST2010deuteronProtonMassRatio deuteron-proton mass ratio
kNIST2010deuteronRmsChargeRadius deuteron rms charge radius
kNIST2010electricConstant electric constant

kNIST2010electronChargeToMassQuotient electron charge to mass quotient
kNIST2010electronDeuteronMagMomRatio electron-deuteron mag. mom. ratio
kNIST2010electronDeuteronMassRatio electron-deuteron mass ratio
kNIST2010electronGFactor electron g factor
kNIST2010electronGyromagRatio electron gyromag. ratio
kNIST2010electronGyromagRatioOver2Pi electron gyromag. ratio over 2 pi
kNIST2010electronHelionMassRatio electron-helion mass ratio
kNIST2010electronMagMom electron mag. mom.
kNIST2010electronMagMomAnomaly electron mag. mom. anomaly
kNIST2010electronMagMomToBohrMagnetronRatio electron mag. mom. to Bohr magneton ratio
kNIST2010electronMagMomToNuclearMagnetronRatio electron mag. mom. to nuclear magneton ratio
kNIST2010electronMass electron mass
kNIST2010electronMassEnergyEquivalent electron mass energy equivalent
kNIST2010electronMassEnergyEquivalentInMeV electron mass energy equivalent in MeV
kNIST2010electronMassInU electron mass in u
kNIST2010electronMolarMass electron molar mass
kNIST2010electronMuonMagMomRatio electron-muon mag. mom. ratio
kNIST2010electronMuonMassRatio electron-muon mass ratio
kNIST2010electronNeutronMagMomRatio electron-neutron mag. mom. ratio
kNIST2010electronNeutronMassRatio electron-neutron mass ratio
kNIST2010electronProtonMagMomRatio electron-proton mag. mom. ratio
kNIST2010electronProtonMassRatio electron-proton mass ratio
kNIST2010electronTauMassRatio electron-tau mass ratio
kNIST2010electronToAlphaParticleMassRatio electron to alpha particle mass ratio
kNIST2010electronToShieldedHelionMagMomRatio electron to shielded helion mag. mom. ratio
kNIST2010electronToShieldedProtonMagMomRatio electron to shielded proton mag. mom. ratio
kNIST2010electronTritonMassRatio electron-triton mass ratio
kNIST2010electronVolt electron volt
kNIST2010electronVoltAtomicMassUnitRelationship electron volt-atomic mass unit relationship
kNIST2010electronVoltHartreeRelationship electron volt-hartree relationship
kNIST2010electronVoltHertzRelationship electron volt-hertz relationship
kNIST2010electronVoltInverseMeterRelationship electron volt-inverse meter relationship
kNIST2010electronVoltJouleRelationship electron volt-joule relationship
kNIST2010electronVoltKelvinRelationship electron volt-kelvin relationship

kNIST2010electronVoltKilogramRelationship electron volt-kilogram relationship
kNIST2010elementaryCharge elementary charge
kNIST2010elementaryChargeOverH elementary charge over h
kNIST2010FaradayConstant Faraday constant
kNIST2010FaradayConstantForConventionalElectricCurrent Faraday constant for conventional electric current
kNIST2010FermiCouplingConstant Fermi coupling constant
kNIST2010fineStructureConstant fine-structure constant
kNIST2010firstRadiationConstant first radiation constant
kNIST2010firstRadiationConstantForSpectralRadiance first radiation constant for spectral radiance
kNIST2010hartreeAtomicMassUnitRelationship hartree-atomic mass unit relationship
kNIST2010hartreeElectronVoltRelationship hartree-electron volt relationship
kNIST2010HartreeEnergy Hartree energy
kNIST2010HartreeEnergyInEV Hartree energy in eV
kNIST2010hartreeHertzRelationship hartree-hertz relationship
kNIST2010hartreeInverseMeterRelationship hartree-inverse meter relationship
kNIST2010hartreeJouleRelationship hartree-joule relationship
kNIST2010hartreeKelvinRelationship hartree-kelvin relationship
kNIST2010hartreeKilogramRelationship hartree-kilogram relationship
kNIST2010helionElectronMassRatio helion-electron mass ratio
kNIST2010helionGFactor helion g factor
kNIST2010helionMagMom helion mag. mom.
kNIST2010helionMagMomToBohrMagnetronRatio helion mag. mom. to Bohr magneton ratio
kNIST2010helionMagMomToNuclearMagnetronRatio helion mag. mom. to nuclear magneton ratio
kNIST2010helionMass helion mass
kNIST2010helionMassEnergyEquivalent helion mass energy equivalent
kNIST2010helionMassEnergyEquivalentInMeV helion mass energy equivalent in MeV
kNIST2010helionMassInU helion mass in u
kNIST2010helionMolarMass helion molar mass
kNIST2010helionProtonMassRatio helion-proton mass ratio
kNIST2010hertzAtomicMassUnitRelationship hertz-atomic mass unit relationship
kNIST2010hertzElectronVoltRelationship hertz-electron volt relationship
kNIST2010hertzHartreeRelationship hertz-hartree relationship
kNIST2010hertzInverseMeterRelationship hertz-inverse meter relationship
kNIST2010hertzJouleRelationship hertz-joule relationship
kNIST2010hertzKelvinRelationship hertz-kelvin relationship

kNIST2010hertzKilogramRelationship hertz-kilogram relationship
kNIST2010inverseFineStructureConstant inverse fine-structure constant
kNIST2010inverseMeterAtomicMassUnitRelationship inverse meter-atomic mass unit relationship
kNIST2010inverseMeterElectronVoltRelationship inverse meter-electron volt relationship
kNIST2010inverseMeterHartreeRelationship inverse meter-hartree relationship
kNIST2010inverseMeterHertzRelationship inverse meter-hertz relationship
kNIST2010inverseMeterJouleRelationship inverse meter-joule relationship
kNIST2010inverseMeterKelvinRelationship inverse meter-kelvin relationship
kNIST2010inverseMeterKilogramRelationship inverse meter-kilogram relationship
kNIST2010inverseOfConductanceQuantum inverse of conductance quantum
kNIST2010JosephsonConstant Josephson constant
kNIST2010jouleAtomicMassUnitRelationship joule-atomic mass unit relationship
kNIST2010jouleElectronVoltRelationship joule-electron volt relationship
kNIST2010jouleHartreeRelationship joule-hartree relationship
kNIST2010jouleHertzRelationship joule-hertz relationship
kNIST2010jouleInverseMeterRelationship joule-inverse meter relationship
kNIST2010jouleKelvinRelationship joule-kelvin relationship
kNIST2010jouleKilogramRelationship joule-kilogram relationship
kNIST2010kelvinAtomicMassUnitRelationship kelvin-atomic mass unit relationship
kNIST2010kelvinElectronVoltRelationship kelvin-electron volt relationship
kNIST2010kelvinHartreeRelationship kelvin-hartree relationship
kNIST2010kelvinHertzRelationship kelvin-hertz relationship
kNIST2010kelvinInverseMeterRelationship kelvin-inverse meter relationship
kNIST2010kelvinJouleRelationship kelvin-joule relationship
kNIST2010kelvinKilogramRelationship kelvin-kilogram relationship
kNIST2010kilogramAtomicMassUnitRelationship kilogram-atomic mass unit relationship
kNIST2010kilogramElectronVoltRelationship kilogram-electron volt relationship
kNIST2010kilogramHartreeRelationship kilogram-hartree relationship
kNIST2010kilogramHertzRelationship kilogram-hertz relationship
kNIST2010kilogramInverseMeterRelationship kilogram-inverse meter relationship
kNIST2010kilogramJouleRelationship kilogram-joule relationship
kNIST2010kilogramKelvinRelationship kilogram-kelvin relationship
kNIST2010latticeParameterOfSilicon lattice parameter of silicon
kNIST2010LoschmidtConstant Loschmidt constant (273.15 K, 100 kPa)
kNIST2010LoschmidtConstant Loschmidt constant (273.15 K, 101.325 kPa)
kNIST2010magConstant mag. constant

kNIST2010magFluxQuantum mag. flux quantum
kNIST2010molarGasConstant molar gas constant
kNIST2010molarMassConstant molar mass constant
kNIST2010molarMassOfCarbon12 molar mass of carbon-12
kNIST2010molarPlanckConstant molar Planck constant
kNIST2010molarPlanckConstantTimesC molar Planck constant times c
kNIST2010molarVolumeOfIdealGas molar volume of ideal gas (273.15 K, 100 kPa)
kNIST2010molarVolumeOfIdealGas molar volume of ideal gas (273.15 K, 101.325 kPa)
kNIST2010molarVolumeOfSilicon molar volume of silicon
kNIST2010MoXUnit Mo x unit
kNIST2010muonComptonWavelength muon Compton wavelength
kNIST2010muonComptonWavelengthOver2Pi muon Compton wavelength over 2 pi
kNIST2010muonElectronMassRatio muon-electron mass ratio
kNIST2010muonGFactor muon g factor
kNIST2010muonMagMom muon mag. mom.
kNIST2010muonMagMomAnomaly muon mag. mom. anomaly
kNIST2010muonMagMomToBohrMagnetronRatio muon mag. mom. to Bohr magneton ratio
kNIST2010muonMagMomToNuclearMagnetronRatio muon mag. mom. to nuclear magneton ratio
kNIST2010muonMass muon mass
kNIST2010muonMassEnergyEquivalent muon mass energy equivalent
kNIST2010muonMassEnergyEquivalentInMeV muon mass energy equivalent in MeV
kNIST2010muonMassInU muon mass in u
kNIST2010muonMolarMass muon molar mass
kNIST2010muonNeutronMassRatio muon-neutron mass ratio
kNIST2010muonProtonMagMomRatio muon-proton mag. mom. ratio
kNIST2010muonProtonMassRatio muon-proton mass ratio
kNIST2010muonTauMassRatio muon-tau mass ratio
kNIST2010naturalUnitOfAction natural unit of action
kNIST2010naturalUnitOfActionInEVs natural unit of action in eV s
kNIST2010naturalUnitOfEnergy natural unit of energy
kNIST2010naturalUnitOfEnergyInMeV natural unit of energy in MeV
kNIST2010naturalUnitOfLength natural unit of length
kNIST2010naturalUnitOfMass natural unit of mass
kNIST2010naturalUnitOfMomUm natural unit of mom.um
kNIST2010naturalUnitOfMomUmInMeVc natural unit of mom.um in MeV/c
kNIST2010naturalUnitOfTime natural unit of time
kNIST2010naturalUnitOfVelocity natural unit of velocity

kNIST2010neutronComptonWavelength neutron Compton wavelength
kNIST2010neutronComptonWavelengthOver2Pi neutron Compton wavelength over 2 pi
kNIST2010neutronElectronMagMomRatio neutron-electron mag. mom. ratio
kNIST2010neutronElectronMassRatio neutron-electron mass ratio
kNIST2010neutronGFactor neutron g factor
kNIST2010neutronGyromagRatio neutron gyromag. ratio
kNIST2010neutronGyromagRatioOver2Pi neutron gyromag. ratio over 2 pi
kNIST2010neutronMagMom neutron mag. mom.
kNIST2010neutronMagMomToBohrMagnetonRatio neutron mag. mom. to Bohr magneton ratio
kNIST2010neutronMagMomToNuclearMagnetonRatio neutron mag. mom. to nuclear magneton ratio
kNIST2010neutronMass neutron mass
kNIST2010neutronMassEnergyEquivalent neutron mass energy equivalent
kNIST2010neutronMassEnergyEquivalentInMeV neutron mass energy equivalent in MeV
kNIST2010neutronMassInU neutron mass in u
kNIST2010neutronMolarMass neutron molar mass
kNIST2010neutronMuonMassRatio neutron-muon mass ratio
kNIST2010neutronProtonMagMomRatio neutron-proton mag. mom. ratio
kNIST2010neutronProtonMassDifference neutron-proton mass difference
kNIST2010neutronProtonMassDifferenceEnergyEquivalent neutron-proton mass difference energy equivalent
kNIST2010neutronProtonMassDifferenceEnergyEquivalentInMeV neutron-proton mass difference energy equivalent in MeV
kNIST2010neutronProtonMassDifferenceInU neutron-proton mass difference in u
kNIST2010neutronProtonMassRatio neutron-proton mass ratio
kNIST2010neutronTauMassRatio neutron-tau mass ratio
kNIST2010neutronToShieldedProtonMagMomRatio neutron to shielded proton mag. mom. ratio
kNIST2010NewtonianConstantOfGravitation Newtonian constant of gravitation
kNIST2010NewtonianConstantOfGravitationOverHBarC Newtonian constant of gravitation over $\hbar c$
kNIST2010nuclearMagneton nuclear magneton
kNIST2010nuclearMagnetonInEVT nuclear magneton in eV/T
kNIST2010nuclearMagnetonInInverseMetersPerTesla nuclear magneton in inverse meters per tesla
kNIST2010nuclearMagnetonInKT nuclear magneton in K/T
kNIST2010nuclearMagnetonInMHzT nuclear magneton in MHz/T
kNIST2010PlanckConstant Planck constant
kNIST2010PlanckConstantInEVS Planck constant in eV s

kNIST2010PlanckConstantOver2Pi Planck constant over 2 pi
 kNIST2010PlanckConstantOver2PiInEVS Planck constant over 2 pi in eV s
 kNIST2010PlanckConstantOver2PiTimesCInMeVfm Planck constant over 2 pi times c in MeV fm
 kNIST2010PlanckLength Planck length
 kNIST2010PlanckMass Planck mass
 kNIST2010PlanckMassEnergyEquivalentInGeV Planck mass energy equivalent in GeV
 kNIST2010PlanckTemperature Planck temperature
 kNIST2010PlanckTime Planck time
 kNIST2010protonChargeToMassQuotient proton charge to mass quotient
 kNIST2010protonComptonWavelength proton Compton wavelength
 kNIST2010protonComptonWavelengthOver2Pi proton Compton wavelength over 2 pi
 kNIST2010protonElectronMassRatio proton-electron mass ratio
 kNIST2010protonGFactor proton g factor
 kNIST2010protonGyromagRatio proton gyromag. ratio
 kNIST2010protonGyromagRatioOver2Pi proton gyromag. ratio over 2 pi
 kNIST2010protonMagMom proton mag. mom.
 kNIST2010protonMagMomToBohrMagnetronRatio proton mag. mom. to Bohr magneton ratio
 kNIST2010protonMagMomToNuclearMagnetronRatio proton mag. mom. to nuclear magneton ratio
 kNIST2010protonMagShieldingCorrection proton mag. shielding correction
 kNIST2010protonMass proton mass
 kNIST2010protonMassEnergyEquivalent proton mass energy equivalent
 kNIST2010protonMassEnergyEquivalentInMeV proton mass energy equivalent in MeV
 kNIST2010protonMassInU proton mass in u
 kNIST2010protonMolarMass proton molar mass
 kNIST2010protonMuonMassRatio proton-muon mass ratio
 kNIST2010protonNeutronMagMomRatio proton-neutron mag. mom. ratio
 kNIST2010protonNeutronMassRatio proton-neutron mass ratio
 kNIST2010protonRmsChargeRadius proton rms charge radius
 kNIST2010protonTauMassRatio proton-tau mass ratio
 kNIST2010quantumOfCirculation quantum of circulation
 kNIST2010quantumOfCirculationTimes2 quantum of circulation times 2
 kNIST2010RydbergConstant Rydberg constant
 kNIST2010RydbergConstantTimesCInHz Rydberg constant times c in Hz
 kNIST2010RydbergConstantTimesHcInEV Rydberg constant times hc in eV
 kNIST2010RydbergConstantTimesHcInJ Rydberg constant times hc in J
 kNIST2010SackurTetrodeConstant Sackur-Tetrode constant (1 K, 100 kPa)
 kNIST2010SackurTetrodeConstant Sackur-Tetrode constant (1 K, 101.325 kPa)

kNIST2010secondRadiationConstant second radiation constant
kNIST2010shieldedHelionGyromagRatio shielded helion gyromag. ratio
kNIST2010shieldedHelionGyromagRatioOver2Pi shielded helion gyromag. ratio over 2 pi
kNIST2010shieldedHelionMagMom shielded helion mag. mom.
kNIST2010shieldedHelionMagMomToBohrMagnetronRatio shielded helion mag. mom. to Bohr magneton ratio
kNIST2010shieldedHelionMagMomToNuclearMagnetronRatio shielded helion mag. mom. to nuclear magneton ratio
kNIST2010shieldedHelionToProtonMagMomRatio shielded helion to proton mag. mom. ratio
kNIST2010shieldedHelionToShieldedProtonMagMomRatio shielded helion to shielded proton mag. mom. ratio
kNIST2010shieldedProtonGyromagRatio shielded proton gyromag. ratio
kNIST2010shieldedProtonGyromagRatioOver2Pi shielded proton gyromag. ratio over 2 pi
kNIST2010shieldedProtonMagMom shielded proton mag. mom.
kNIST2010shieldedProtonMagMomToBohrMagnetronRatio shielded proton mag. mom. to Bohr magneton ratio
kNIST2010shieldedProtonMagMomToNuclearMagnetronRatio shielded proton mag. mom. to nuclear magneton ratio
kNIST2010speedOfLightInVacuum speed of light in vacuum
kNIST2010standardAccelerationOfGravity standard acceleration of gravity
kNIST2010standardAtmosphere standard atmosphere
kNIST2010standardStatePressure standard-state pressure
kNIST2010StefanBoltzmannConstant Stefan-Boltzmann constant
kNIST2010tauComptonWavelength tau Compton wavelength
kNIST2010tauComptonWavelengthOver2Pi tau Compton wavelength over 2 pi
kNIST2010tauElectronMassRatio tau-electron mass ratio
kNIST2010tauMass tau mass
kNIST2010tauMassEnergyEquivalent tau mass energy equivalent
kNIST2010tauMassEnergyEquivalentInMeV tau mass energy equivalent in MeV
kNIST2010tauMassInU tau mass in u
kNIST2010tauMolarMass tau molar mass
kNIST2010tauMuonMassRatio tau-muon mass ratio
kNIST2010tauNeutronMassRatio tau-neutron mass ratio
kNIST2010tauProtonMassRatio tau-proton mass ratio
kNIST2010ThomsonCrossSection Thomson cross section
kNIST2010tritonElectronMassRatio triton-electron mass ratio
kNIST2010tritonGFactor triton g factor
kNIST2010tritonMagMom triton mag. mom.

kNIST2010tritonMagMomToBohrMagnetonRatio triton mag. mom. to Bohr magneton ratio
 kNIST2010tritonMagMomToNuclearMagnetonRatio triton mag. mom. to nuclear magneton ratio
 kNIST2010tritonMass triton mass
 kNIST2010tritonMassEnergyEquivalent triton mass energy equivalent
 kNIST2010tritonMassEnergyEquivalentInMeV triton mass energy equivalent in MeV
 kNIST2010tritonMassInU triton mass in u
 kNIST2010tritonMolarMass triton molar mass
 kNIST2010tritonProtonMassRatio triton-proton mass ratio
 kNIST2010unifiedAtomicMassUnit unified atomic mass unit
 kNIST2010vonKlitzingConstant von Klitzing constant
 kNIST2010weakMixingAngle weak mixing angle
 kNIST2010WienFrequencyDisplacementLawConstant Wien frequency displacement law constant
 kNIST2010WienWavelengthDisplacementLawConstant Wien wavelength displacement law constant

Usage

kNIST2010latticeSpacingOfSilicon

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
## Not run: print(kNIST2010latticeSpacingOfSilicon)
```

kNISTnonSIatomicUnitOf1stHyperpolarizability
NIST Physical Constants

Description

kNISTnonSIatomicUnitOf1stHyperpolarizability atomic unit of 1st hyperpolarizability
kNISTnonSIatomicUnitOf2ndHyperpolarizability atomic unit of 2nd hyperpolarizability
kNISTnonSIatomicUnitOfAction atomic unit of action
kNISTnonSIatomicUnitOfCharge atomic unit of charge
kNISTnonSIatomicUnitOfChargeDensity atomic unit of charge density
kNISTnonSIatomicUnitOfCurrent atomic unit of current
kNISTnonSIatomicUnitOfElectricDipoleMoment atomic unit of electric dipole moment
kNISTnonSIatomicUnitOfElectricField atomic unit of electric field
kNISTnonSIatomicUnitOfElectricFieldGradient atomic unit of electric field gradient
kNISTnonSIatomicUnitOfElectricPolarizability atomic unit of electric polarizability
kNISTnonSIatomicUnitOfElectricPotential atomic unit of electric potential
kNISTnonSIatomicUnitOfElectricQuadrupoleMoment atomic unit of electric quadrupole moment
kNISTnonSIatomicUnitOfEnergy atomic unit of energy
kNISTnonSIatomicUnitOfLength atomic unit of length
kNISTnonSIatomicUnitOfMagneticDipoleMoment atomic unit of magnetic dipole moment
kNISTnonSIatomicUnitOfMagneticFluxDensity atomic unit of magnetic flux density
kNISTnonSIatomicUnitOfMagnetizability atomic unit of magnetizability
kNISTnonSIatomicUnitOfMass atomic unit of mass
kNISTnonSIatomicUnitOfMomentum atomic unit of momentum
kNISTnonSIatomicUnitOfPermittivity atomic unit of permittivity
kNISTnonSIatomicUnitOfTime atomic unit of time
kNISTnonSIatomicUnitOfVelocity atomic unit of velocity
kNISTnonSIElectronVolt electron volt
kNISTnonSInaturalUnitOfAction natural unit of action
kNISTnonSInaturalUnitOfActionInEVS natural unit of action in eV s
kNISTnonSInaturalUnitOfEnergy natural unit of energy
kNISTnonSInaturalUnitOfEnergyInMeV natural unit of energy in MeV
kNISTnonSInaturalUnitOfLength natural unit of length
kNISTnonSInaturalUnitOfMass natural unit of mass
kNISTnonSInaturalUnitOfMomentum natural unit of momentum

`kNISTnonSInaturalUnitOfMomentumInMeVc` natural unit of momentum in MeV/c
`kNISTnonSInaturalUnitOfTime` natural unit of time
`kNISTnonSIPlanckConstantOver2PiTimesCInMeVfm` Planck constant over 2 pi times c in MeV fm
`kNISTnonSIspeedOfLightInVacuum` speed of light in vacuum
`kNISTnonSIunifiedAtomicMassUnit` unified atomic mass unit

Usage

`kNISTnonSIatomicUnitOf1stHyperpolarizability`

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/cgi-bin/cuu/Value?auhypol|search_for=nonsi_in!

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/cgi-bin/cuu/Value?auhypol|search_for=nonsi_in!

Examples

```
## Not run: print(kNISTnonSIatomicUnitOf1stHyperpolarizability)
```

NISTabampereTOampere *Convert abampere to ampere*

Description

NISTabampereTOampere converts from abampere to ampere (A)

Usage

`NISTabampereTOampere(abampere)`

Arguments

abampere abampere

Value

ampere (A)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTabampereTOampere(10)

NISTabCoulombTOCoulomb

Convert abCoulomb to Coulomb

Description

NISTabCoulombTOCoulomb converts from abCoulomb to Coulomb (C)

Usage

NISTabCoulombTOCoulomb(abCoulomb)

Arguments

abCoulomb abCoulomb

Value

Coulomb (C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTabcoulombTOcoulomb(10)

NISTabfaradTOfarad	<i>Convert abfarad to farad</i>
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Description

NISTabfaradTOfarad converts from abfarad to farad (F)

Usage

NISTabfaradTOfarad(abfarad)

Arguments

abfarad	abfarad
---------	---------

Value

farad (F)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTabfaradTOfarad(10)

NISTabhenryTOhenry	<i>Convert abhenry to henry</i>
--------------------	---------------------------------

Description

NISTabhenryTOhenry converts from abhenry to henry (H)

Usage

NISTabhenryTOhenry(abhenry)

Arguments

abhenry	abhenry
---------	---------

Value

henry (H)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTabhenryTOhenry(10)

NISTabmhoTOsiemens	<i>Convert abmho to siemens</i>
--------------------	---------------------------------

Description

NISTabmhoTOsiemens converts from abmho to siemens (S)

Usage

NISTabmhoTOsiemens(abmho)

Arguments

abmho	abmho
-------	-------

Value

siemens (S)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTabmhoTOsiemens(10)

NISTabohmTOohm	<i>Convert abohm to ohm</i>
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Description

NISTabohmTOohm converts from abohm to ohm (ohm)

Usage

NISTabohmTOohm(abohm)

Arguments

abohm abohm

Value

ohm (ohm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTabohmTOohm(10)

NISTabvoltTOvolt	<i>Convert abvolt to volt</i>
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Description

NISTabvoltTOvolt converts from abvolt to volt (V)

Usage

NISTabvoltTOvolt(abvolt)

Arguments

abvolt	abvolt
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Value

volt (V)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTabvoltTOvolt(10)

NISTacclOfFreeFallStdTOMeterPerSecSqrD

Convert acceleration of free fall, standard to meter per second squared

Description

NISTacclOfFreeFallStdTOMeterPerSecSqrD converts from acceleration of free fall, standard (gn) to meter per second squared (m / s²)

Usage

NISTacclOfFreeFallStdTOMeterPerSecSqrD(acclOfFreeFallStd)

Arguments

acclOfFreeFallStd
acceleration of free fall, standard (gn)

Value

meter per second squared (m / s²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTacclOfFreeFallStdTOMeterPerSecSqrD(10)

NISTacreFtTOcubMeter *Convert acre foot 7 to cubic meter*

Description

NISTacreFtTOcubMeter converts from acre foot (based on U.S. survey foot) 7 to cubic meter (m3)

Usage

NISTacreFtTOcubMeter(acreFt)

Arguments

acreFt acre foot (based on U.S. survey foot) 7

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTacreFtTOcubMeter(10)

NISTacreT0sqrMeter	<i>Convert acre 7 to square meter</i>
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Description

NISTacreT0sqrMeter converts from acre (based on U.S. survey foot) 7 to square meter (m2)

Usage

NISTacreT0sqrMeter(acre)

Arguments

acre	acre (based on U.S. survey foot) 7
------	------------------------------------

Value

square meter (m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTacreT0sqrMeter(10)

NISTampereHourTOcoulomb

Convert ampere hour to coulomb

Description

NISTampereHourTOcoulomb converts from ampere hour (A * h) to coulomb (C)

Usage

NISTampereHourTOcoulomb(ampereHour)

Arguments

ampereHour ampere hour (A * h)

Value

coulomb (C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTampereHourTOcoulomb(10)

NISTamperePerMeterTOersted

Convert ampere per meter to oersted

Description

NISTamperePerMeterTOersted converts from ampere per meter (A/m) to oersted (Oe)

Usage

NISTamperePerMeterTOersted(amperePerMeter)

Arguments

amperePerMeter ampere per meter (A/m)

Value

oersted (Oe)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTamperePerMeterTOersted(10)

NISTampereTOabampere *Convert ampere to abampere*

Description

NISTampereTOabampere converts from ampere (A) to abampere

Usage

NISTampereTOabampere(ampere)

Arguments

ampere ampere (A)

Value

abampere

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTampereTOabampere(10)

NISTampereTObiot	<i>Convert ampere to biot</i>
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Description

NISTampereTObiot converts from ampere (A) to biot (Bi)

Usage

NISTampereTObiot(ampere)

Arguments

ampere	ampere (A)
--------	------------

Value

biot (Bi)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTampereTObiot(10)

NISTampereToEMUOfCurrent

Convert ampere to EMU of current

Description

NISTampereToEMUOfCurrent converts from ampere (A) to EMU of current (abampere)

Usage

NISTampereToEMUOfCurrent(ampere)

Arguments

ampere	ampere (A)
--------	------------

Value

EMU of current (abampere)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTampereToEMUOfCurrent(10)

NISTampereToESUOfCurrent

Convert ampere to ESU of current

Description

NISTampereToESUOfCurrent converts from ampere (A) to ESU of current (statampere)

Usage

NISTampereToESUOfCurrent(ampere)

Arguments

ampere	ampere (A)
--------	------------

Value

ESU of current (statampere)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTampereToESUOfCurrent(10)

NISTampereTOgilbert	<i>Convert ampere to gilbert</i>
---------------------	----------------------------------

Description

NISTampereTOgilbert converts from ampere (A) to gilbert (Gi)

Usage

NISTampereTOgilbert(ampere)

Arguments

ampere	ampere (A)
--------	------------

Value

gilbert (Gi)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTampereTOgilbert(10)

NISTampereTOstatampere

Convert ampere to statampere

Description

NISTampereTOstatampere converts from ampere (A) to statampere

Usage

NISTampereTOstatampere(ampere)

Arguments

ampere	ampere (A)
--------	------------

Value

statampere

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTampereTOstatampere(10)

NISTangstromTOMeter	<i>Convert angstrom to meter</i>
---------------------	----------------------------------

Description

NISTangstromTOMeter converts from angstrom (a) to meter (m)

Usage

NISTangstromTOMeter(angstrom)

Arguments

angstrom	angstrom (a)
----------	--------------

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTangstromTOMeter(10)

`NISTangstromTONanometer`*Convert angstrom to nanometer*

Description

NISTangstromTONanometer converts from angstrom (a) to nanometer (nm)

Usage

`NISTangstromTONanometer(angstrom)`

Arguments

angstrom	angstrom (a)
----------	--------------

Value

nanometer (nm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

`NISTangstromTONanometer(10)`

NISTareTOsqrMeter	<i>Convert are to square meter</i>
-------------------	------------------------------------

Description

NISTareTOsqrMeter converts from are (a) to square meter (m2)

Usage

NISTareTOsqrMeter(are)

Arguments

are are (a)

Value

square meter (m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTareTOsqrMeter(10)

`NISTastronomicalUnTOMeter`*Convert astronomical unit to meter*

Description

NISTastronomicalUnTOMeter converts from astronomical unit (ua) to meter (m)

Usage

`NISTastronomicalUnTOMeter(astronomicalUn)`

Arguments

`astronomicalUn` astronomical unit (ua)

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

`NISTastronomicalUnTOMeter(10)`

NISTatmosphereStdTOkpasca1

Convert atmosphere, standard to kilopascal

Description

NISTatmosphereStdTOkpasca1 converts from atmosphere, standard (atm) to kilopascal (kPa)

Usage

NISTatmosphereStdTOkpasca1(atmosphereStd)

Arguments

atmosphereStd atmosphere, standard (atm)

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTatmosphereStdTOkpasca1(10)

NISTatmosphereStdTOpascal

Convert atmosphere, standard to pascal

Description

NISTatmosphereStdTOpascal converts from atmosphere, standard (atm) to pascal (Pa)

Usage

NISTatmosphereStdTOpascal(atmosphereStd)

Arguments

atmosphereStd atmosphere, standard (atm)

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTatmosphereStdTOpascal(10)

NISTatmosphereTechnicalTOkpasca1

Convert atmosphere, technical 8 to kilopascal

Description

NISTatmosphereTechnicalTOkpasca1 converts from atmosphere, technical (at) 8 to kilopascal (kPa)

Usage

NISTatmosphereTechnicalTOkpasca1(atmosphereTechnical)

Arguments

atmosphereTechnical
atmosphere, technical (at) 8

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTatmosphereTechnicalTOkpasca1(10)

NISTatmosphereTechnicalTOpascal

Convert atmosphere, technical 8 to pascal

Description

NISTatmosphereTechnicalTOpascal converts from atmosphere, technical (at) 8 to pascal (Pa)

Usage

NISTatmosphereTechnicalTOpascal(atmosphereTechnical)

Arguments

atmosphereTechnical
atmosphere, technical (at) 8

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTatmosphereTechnicalTOpascal(10)

NISTbarnTOsqrMeter	<i>Convert barn to square meter</i>
--------------------	-------------------------------------

Description

NISTbarnTOsqrMeter converts from barn (b) to square meter (m2)

Usage

NISTbarnTOsqrMeter(barn)

Arguments

barn	barn (b)
------	----------

Value

square meter (m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTbarnTOsqrMeter(10)

NISTbarrelTOcubMeter *Convert barrel to cubic meter*

Description

NISTbarrelTOcubMeter converts from barrel [for petroleum, 42 gallons (U.S.)] (bbl) to cubic meter (m3)

Usage

NISTbarrelTOcubMeter(barrel)

Arguments

barrel barrel [for petroleum, 42 gallons (U.S.)] (bbl)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTbarrelTOcubMeter(10)

NISTbarrelToliter	<i>Convert barrel to liter</i>
-------------------	--------------------------------

Description

NISTbarrelToliter converts from barrel [for petroleum, 42 gallons (U.S.)] (bbl) to liter (L)

Usage

NISTbarrelToliter(barrel)

Arguments

barrel	barrel [for petroleum, 42 gallons (U.S.)] (bbl)
--------	---

Value

liter (L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTbarrelToliter(10)

NISTbarTOkpasca1	<i>Convert bar to kilopascal</i>
------------------	----------------------------------

Description

NISTbarTOkpasca1 converts from bar (bar) to kilopascal (kPa)

Usage

NISTbarTOkpasca1(bar)

Arguments

bar	bar (bar)
-----	-----------

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTbarTOkpasca1(10)

NISTbarTOPascal	<i>Convert bar to pascal</i>
-----------------	------------------------------

Description

NISTbarTOPascal converts from bar (bar) to pascal (Pa)

Usage

NISTbarTOPascal(bar)

Arguments

bar	bar (bar)
-----	-----------

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTbarTOPascal(10)

NISTbecquerelTOcurie *Convert becquerel to curie*

Description

NISTbecquerelTOcurie converts from becquerel (Bq) to curie (Ci)

Usage

NISTbecquerelTOcurie(becquerel)

Arguments

becquerel becquerel (Bq)

Value

curie (Ci)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTbecquerelTOcurie(10)

NISTbiotTOampere	<i>Convert biot to ampere</i>
------------------	-------------------------------

Description

NISTbiotTOampere converts from biot (Bi) to ampere (A)

Usage

NISTbiotTOampere(biot)

Arguments

biot	biot (Bi)
------	-----------

Value

ampere (A)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTbiotTOampere(10)

NISTbushelTOcubMeter *Convert bushel to cubic meter*

Description

NISTbushelTOcubMeter converts from bushel (U.S.) (bu) to cubic meter (m3)

Usage

NISTbushelTOcubMeter(bushel)

Arguments

bushel bushel (U.S.) (bu)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTbushelTOcubMeter(10)

NISTbushelToliter	<i>Convert bushel to liter</i>
-------------------	--------------------------------

Description

NISTbushelToliter converts from bushel (U.S.) (bu) to liter (L)

Usage

NISTbushelToliter(bushel)

Arguments

bushel	bushel (U.S.) (bu)
--------	--------------------

Value

liter (L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTbushelToliter(10)

NISTcal15CtOjoule	<i>Convert calorie to joule</i>
-------------------	---------------------------------

Description

NISTcal15CtOjoule converts from calorie (15 C) (cal15) to joule (J)

Usage

NISTcal15CtOjoule(cal15C)

Arguments

cal15C	calorie (15 C) (cal15)
--------	------------------------

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcal15CtOjoule(10)

NISTcal20CtOjoule	<i>Convert calorie to joule</i>
-------------------	---------------------------------

Description

NISTcal20CtOjoule converts from calorie (20 C) (cal20) to joule (J)

Usage

NISTcal20CtOjoule(cal20C)

Arguments

cal20C	calorie (20 C) (cal20)
--------	------------------------

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcal20CtOjoule(10)

NISTcalITKgTOjoule	<i>Convert calorieIT, kilogram 11 to joule</i>
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Description

NISTcalITKgTOjoule converts from calorieIT, kilogram (nutrition) 11 to joule (J)

Usage

NISTcalITKgTOjoule(calITKg)

Arguments

calITKg	calorieIT, kilogram (nutrition) 11
---------	------------------------------------

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcalITKgTOjoule(10)

NISTcalITPerGramDegCtOjoulePerKgK

Convert calorieIT per gram degree Celsius to joule per kilogram kelvin

Description

NISTcalITPerGramDegCtOjoulePerKgK converts from calorieIT per gram degree Celsius [calIT/(g * C)] to joule per kilogram kelvin [J/(kg * K)]

Usage

NISTcalITPerGramDegCtOjoulePerKgK(calITPerGramDegC)

Arguments

calITPerGramDegC
calorieIT per gram degree Celsius [calIT/(g * C)]

Value

joule per kilogram kelvin [J/(kg * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcalITPerGramDegCtOjoulePerKgK(10)

NISTcalITPerGramKtOjoulePerKgK

Convert calorieIT per gram kelvin to joule per kilogram kelvin

Description

NISTcalITPerGramKtOjoulePerKgK converts from calorieIT per gram kelvin [calIT/(g * K)] to joule per kilogram kelvin [J/(kg * K)]

Usage

NISTcalITPerGramKtOjoulePerKgK(calITPerGramK)

Arguments

calITPerGramK calorieIT per gram kelvin [calIT/(g * K)]

Value

joule per kilogram kelvin [J/(kg * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcalITPerGramKtOjoulePerKgK(10)

NISTcalITPerGramTOjoulePerKg

Convert calorieIT per gram to joule per kilogram

Description

NISTcalITPerGramTOjoulePerKg converts from calorieIT per gram (calIT/g) to joule per kilogram (J/kg)

Usage

NISTcalITPerGramTOjoulePerKg(calITPerGram)

Arguments

calITPerGram calorieIT per gram (calIT/g)

Value

joule per kilogram (J/kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcalITPerGramTOjoulePerKg(10)

NISTcalITtOjoule	<i>Convert calorieIT 10 to joule</i>
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Description

NISTcalITtOjoule converts from calorieIT (calIT) 10 to joule (J)

Usage

NISTcalITtOjoule(calIT)

Arguments

calIT	calorieIT (calIT) 10
-------	----------------------

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcalITtOjoule(10)

NISTcalKgTOjoule	<i>Convert calorie , kilogram 11 to joule</i>
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Description

NISTcalKgTOjoule converts from calorie (mean), kilogram (nutrition) 11 to joule (J)

Usage

NISTcalKgTOjoule(calKg)

Arguments

calKg	calorie (mean), kilogram (nutrition) 11
-------	---

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcalKgTOjoule(10)

NISTcalthKgTOjoule	<i>Convert calorieth , kilogram 11 to joule</i>
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Description

NISTcalthKgTOjoule converts from calorieth , kilogram (nutrition) 11 to joule (J)

Usage

NISTcalthKgTOjoule(calthKg)

Arguments

calthKg	calorieth , kilogram (nutrition) 11
---------	-------------------------------------

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcalthKgTOjoule(10)

NISTcalthPerCmSecDegCtOwattPerMeterK

Convert calorieth per centimeter second degree Celsius to watt per meter kelvin

Description

NISTcalthPerCmSecDegCtOwattPerMeterK converts from calorieth per centimeter second degree Celsius [calth/(cm * s * C)] to watt per meter kelvin [W/(m * K)]

Usage

NISTcalthPerCmSecDegCtOwattPerMeterK(calthPerCmSecDegC)

Arguments

calthPerCmSecDegC
calorieth per centimeter second degree Celsius [calth/(cm * s * C)]

Value

watt per meter kelvin [W/(m * K)]

Author(s)

Jose Gama

Source

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References

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Examples

NISTcalthPerCmSecDegCtOwattPerMeterK(10)

NISTcalthPerGramDegCtOjoulePerKgK*Convert calorieth per gram degree Celsius to joule per kilogram kelvin*

Description

NISTcalthPerGramDegCtOjoulePerKgK converts from calorieth per gram degree Celsius [calth/(g * C)] to joule per kilogram kelvin [J/(kg * K)]

Usage

NISTcalthPerGramDegCtOjoulePerKgK(calthPerGramDegC)

Arguments

calthPerGramDegC
calorieth per gram degree Celsius [calth/(g * C)]

Value

joule per kilogram kelvin [J/(kg * K)]

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTcalthPerGramDegCtOjoulePerKgK(10)

NISTcalthPerGramKtOjoulePerKgK

Convert calorieth per gram kelvin to joule per kilogram kelvin

Description

NISTcalthPerGramKtOjoulePerKgK converts from calorieth per gram kelvin [calth/(g* K)] to joule per kilogram kelvin [J/(kg * K)]

Usage

NISTcalthPerGramKtOjoulePerKgK(calthPerGramK)

Arguments

calthPerGramK calorieth per gram kelvin [calth/(g* K)]

Value

joule per kilogram kelvin [J/(kg * K)]

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTcalthPerGramKtOjoulePerKgK(10)

NISTcalthPerGramTOjoulePerKg

Convert calorieth per gram to joule per kilogram

Description

NISTcalthPerGramTOjoulePerKg converts from calorieth per gram (calth/g) to joule per kilogram (J/kg)

Usage

NISTcalthPerGramTOjoulePerKg(calthPerGram)

Arguments

calthPerGram calorieth per gram (calth/g)

Value

joule per kilogram (J/kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTcalthPerGramTOjoulePerKg(10)

NISTcalthPerMinTOwatt *Convert calorieth per minute to watt*

Description

NISTcalthPerMinTOwatt converts from calorieth per minute (calth/min) to watt (W)

Usage

NISTcalthPerMinTOwatt(calthPerMin)

Arguments

calthPerMin calorieth per minute (calth/min)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTcalthPerMinTOwatt(10)

NISTcalthPerSecTOwatt *Convert calorieth per second to watt*

Description

NISTcalthPerSecTOwatt converts from calorieth per second (calth/s) to watt (W)

Usage

NISTcalthPerSecTOwatt(calthPerSec)

Arguments

calthPerSec calorieth per second (calth/s)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTcalthPerSecTOwatt(10)

NISTcalthPerSqrCmMinTOwattPerSqrMeter

Convert calorieth per square centimeter minute to watt per square meter

Description

NISTcalthPerSqrCmMinTOwattPerSqrMeter converts from calorieth per square centimeter minute [calth/(cm2 * min)] to watt per square meter (W/m2)

Usage

NISTcalthPerSqrCmMinTOwattPerSqrMeter(calthPerSqrCmMin)

Arguments

calthPerSqrCmMin
calorieth per square centimeter minute [calth/(cm2 * min)]

Value

watt per square meter (W/m2)

Author(s)

Jose Gama

Source

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References

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Examples

NISTcalthPerSqrCmMinTOwattPerSqrMeter(10)

NISTcalthPerSqrCmSecTOwattPerSqrMeter

Convert calorieth per square centimeter second to watt per square meter

Description

NISTcalthPerSqrCmSecTOwattPerSqrMeter converts from calorieth per square centimeter second [calth/(cm² * s)] to watt per square meter (W/m²)

Usage

NISTcalthPerSqrCmSecTOwattPerSqrMeter(calthPerSqrCmSec)

Arguments

calthPerSqrCmSec
calorieth per square centimeter second [calth/(cm² * s)]

Value

watt per square meter (W/m²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTcalthPerSqrCmSecTOwattPerSqrMeter(10)

NISTcalthPerSqrCmTOjoulePerSqrMeter

Convert calorieth per square centimeter to joule per square meter

Description

NISTcalthPerSqrCmTOjoulePerSqrMeter converts from calorieth per square centimeter (calth/cm2) to joule per square meter (J/m2)

Usage

NISTcalthPerSqrCmTOjoulePerSqrMeter(calthPerSqrCm)

Arguments

calthPerSqrCm calorieth per square centimeter (calth/cm2)

Value

joule per square meter (J/m2)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTcalthPerSqrCmTOjoulePerSqrMeter(10)

NISTcalthTOjoule	<i>Convert calorieth 10 to joule</i>
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Description

NISTcalthTOjoule converts from calorieth (calth) 10 to joule (J)

Usage

NISTcalthTOjoule(calth)

Arguments

calth	calorieth (calth) 10
-------	----------------------

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTcalthTOjoule(10)

NISTcalTOjoule	<i>Convert calorie to joule</i>
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Description

NISTcalTOjoule converts from calorie (cal) (mean) to joule (J)

Usage

NISTcalTOjoule(cal)

Arguments

cal	calorie (cal) (mean)
-----	----------------------

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcalTOjoule(10)

NISTcandelaPerSqrInchTOcandelaPerSqrMeter

Convert candela per square inch to candela per square meter

Description

NISTcandelaPerSqrInchTOcandelaPerSqrMeter converts from candela per square inch (cd/in²) to candela per square meter (cd/m²)

Usage

NISTcandelaPerSqrInchTOcandelaPerSqrMeter(candelaPerSqrInch)

Arguments

candelaPerSqrInch
candela per square inch (cd/in²)

Value

candela per square meter (cd/m²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTcandelaPerSqrInchTOcandelaPerSqrMeter(10)

NISTcandelaPerSqrMeterTOcandelaPerSqrInch

Convert candela per square meter to candela per square inch

Description

NISTcandelaPerSqrMeterTOcandelaPerSqrInch converts from candela per square meter (cd/m²) to candela per square inch (cd/in²)

Usage

NISTcandelaPerSqrMeterTOcandelaPerSqrInch(candelaPerSqrMeter)

Arguments

candelaPerSqrMeter
candela per square meter (cd/m²)

Value

candela per square inch (cd/in²)

Author(s)

Jose Gama

Source

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References

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Examples

NISTcandelaPerSqrMeterTOcandelaPerSqrInch(10)

`NISTcandelaPerSqrMeterTOftlambert`*Convert candela per square meter to footlambert*

Description

`NISTcandelaPerSqrMeterTOftlambert` converts from candela per square meter (cd/m²) to footlambert

Usage

`NISTcandelaPerSqrMeterTOftlambert(candelaPerSqrMeter)`

Arguments

`candelaPerSqrMeter`
candela per square meter (cd/m²)

Value

footlambert

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

`NISTcandelaPerSqrMeterTOftlambert(10)`

NISTcandelaPerSqrMeterTOlambert

Convert candela per square meter to lambert 17

Description

NISTcandelaPerSqrMeterTOlambert converts from candela per square meter (cd/m²) to lambert 17

Usage

NISTcandelaPerSqrMeterTOlambert(candelaPerSqrMeter)

Arguments

candelaPerSqrMeter
candela per square meter (cd/m²)

Value

lambert 17

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTcandelaPerSqrMeterTOlambert(10)

NISTcandelaPerSqrMeterTOstilb

Convert candela per square meter to stilb

Description

NISTcandelaPerSqrMeterTOstilb converts from candela per square meter (cd/m²) to stilb (sb)

Usage

NISTcandelaPerSqrMeterTOstilb(candelaPerSqrMeter)

Arguments

candelaPerSqrMeter
candela per square meter (cd/m²)

Value

stilb (sb)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTcandelaPerSqrMeterTOstilb(10)

NISTcaratSItoOgram	<i>Convert carat, metric to gram</i>
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Description

NISTcaratSItoOgram converts from carat, metric to gram (g)

Usage

NISTcaratSItoOgram(caratSI)

Arguments

caratSI	carat, metric
---------	---------------

Value

gram (g)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTcaratSItoOgram(10)

NISTcaratSItoKg	<i>Convert carat, metric to kilogram</i>
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Description

NISTcaratSItoKg converts from carat, metric to kilogram (kg)

Usage

NISTcaratSItoKg(caratSI)

Arguments

caratSI	carat, metric
---------	---------------

Value

kilogram (kg)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTcaratSItoKg(10)

NISTcentipoiseTOpascalSec

Convert centipoise to pascal second

Description

NISTcentipoiseTOpascalSec converts from centipoise (cP) to pascal second (Pa * s)

Usage

NISTcentipoiseTOpascalSec(*centipoise*)

Arguments

centipoise centipoise (cP)

Value

pascal second (Pa * s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTcentipoiseTOpascalSec(10)

NISTcentistokesTOmeterSqrPerSec

Convert centistokes to meter squared per second

Description

NISTcentistokesTOmeterSqrPerSec converts from centistokes (cSt) to meter squared per second (m²/s)

Usage

NISTcentistokesTOmeterSqrPerSec(*centistokes*)

Arguments

centistokes centistokes (cSt)

Value

meter squared per second (m²/s)

Author(s)

Jose Gama

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Examples

NISTcentistokesTOmeterSqrPerSec(10)

NISTchainTOMeter	<i>Convert chain 7 to meter</i>
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Description

NISTchainTOMeter converts from chain (based on U.S. survey foot) (ch) 7 to meter (m)

Usage

NISTchainTOMeter(chain)

Arguments

chain	chain (based on U.S. survey foot) (ch) 7
-------	--

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTchainTOMeter(10)

`NISTcircularMilToSqrMeter`*Convert circular mil to square meter*

Description

NISTcircularMilToSqrMeter converts from circular mil to square meter (m2)

Usage

```
NISTcircularMilToSqrMeter(circularMil)
```

Arguments

circularMil	circular mil
-------------	--------------

Value

square meter (m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

```
NISTcircularMilToSqrMeter(10)
```

NISTcircularMilTOsqrMillimeter

Convert circular mil to square millimeter

Description

NISTcircularMilTOsqrMillimeter converts from circular mil to square millimeter (mm²)

Usage

NISTcircularMilTOsqrMillimeter(circularMil)

Arguments

circularMil circular mil

Value

square millimeter (mm²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTcircularMilTOsqrMillimeter(10)

`NISTcloTOsqrMeterKPerWatt`*Convert clo to square meter kelvin per watt*

Description

NISTcloTOsqrMeterKPerWatt converts from clo to square meter kelvin per watt ($\text{m}^2 \cdot \text{K/W}$)

Usage

`NISTcloTOsqrMeterKPerWatt(clo)`

Arguments

clo clo

Value

square meter kelvin per watt ($\text{m}^2 \cdot \text{K/W}$)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

`NISTcloTOsqrMeterKPerWatt(10)`

NISTcmOfMercuryConvtnlTOkpasca1

Convert centimeter of mercury, conventional 12 to kilopascal

Description

NISTcmOfMercuryConvtnlTOkpasca1 converts from centimeter of mercury, conventional (cmHg) 12 to kilopascal (kPa)

Usage

NISTcmOfMercuryConvtnlTOkpasca1(cmOfMercuryConvtnl)

Arguments

cmOfMercuryConvtnl
centimeter of mercury, conventional (cmHg) 12

Value

kilopascal (kPa)

Author(s)

Jose Gama

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Examples

NISTcmOfMercuryConvtnlTOkpasca1(10)

`NISTcmOfMercuryConvtnlTOpascal`*Convert centimeter of mercury, conventional 12 to pascal*

Description

`NISTcmOfMercuryConvtnlTOpascal` converts from centimeter of mercury, conventional (cmHg) 12 to pascal (Pa)

Usage

`NISTcmOfMercuryConvtnlTOpascal(cmOfMercuryConvtnl)`

Arguments

`cmOfMercuryConvtnl`
centimeter of mercury, conventional (cmHg) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

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Examples

`NISTcmOfMercuryConvtnlTOpascal(10)`

NISTcmOfMercuryTOkpasca1

Convert centimeter of mercury 12 to kilopascal

Description

NISTcmOfMercuryTOkpasca1 converts from centimeter of mercury (0 C) 12 to kilopascal (kPa)

Usage

NISTcmOfMercuryTOkpasca1(cmOfMercury)

Arguments

cmOfMercury centimeter of mercury (0 C) 12

Value

kilopascal (kPa)

Author(s)

Jose Gama

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Examples

NISTcmOfMercuryTOkpasca1(10)

NISTcmOfMercuryTOpascal

Convert centimeter of mercury 12 to pascal

Description

NISTcmOfMercuryTOpascal converts from centimeter of mercury (0 C) 12 to pascal (Pa)

Usage

NISTcmOfMercuryTOpascal(cmOfMercury)

Arguments

cmOfMercury centimeter of mercury (0 C) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTcmOfMercuryTOpascal(10)

NISTcmOfWaterConvtnlTOpascal

Convert centimeter of water, conventional 12 to pascal

Description

NISTcmOfWaterConvtnlTOpascal converts from centimeter of water, conventional (cmH₂O) 12 to pascal (Pa)

Usage

NISTcmOfWaterConvtnlTOpascal(cmOfWaterConvtnl)

Arguments

cmOfWaterConvtnl
centimeter of water, conventional (cmH₂O) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcmOfWaterConvtnlTOpascal(10)

NISTcmOfWaterTOpascal *Convert centimeter of water 12 to pascal*

Description

NISTcmOfWaterTOpascal converts from centimeter of water (4 C) 12 to pascal (Pa)

Usage

NISTcmOfWaterTOpascal(cmOfWater)

Arguments

cmOfWater centimeter of water (4 C) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcmOfWaterTOpascal(10)

NISTcmTOinch	<i>Convert centimeter to inch</i>
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Description

NISTcmTOinch converts from centimeter (cm) to inch (in)

Usage

NISTcmTOinch(cm)

Arguments

cm	centimeter (cm)
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Value

inch (in)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcmTOinch(10)

NISTcordTOcubMeter	<i>Convert cord to cubic meter</i>
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Description

NISTcordTOcubMeter converts from cord (128 ft³) to cubic meter (m³)

Usage

NISTcordTOcubMeter(cord)

Arguments

cord	cord (128 ft ³)
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Value

cubic meter (m³)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcordTOcubMeter(10)

NISTcoulombMeterTOdebye

Convert coulomb meter to debye

Description

NISTcoulombMeterTOdebye converts from coulomb meter (C * m) to debye (D)

Usage

NISTcoulombMeterTOdebye(coulombMeter)

Arguments

coulombMeter coulomb meter (C * m)

Value

debye (D)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcoulombMeterTOdebye(10)

NISTcoulombPerKgTOroentgen

Convert coulomb per kilogram to roentgen

Description

NISTcoulombPerKgTOroentgen converts from coulomb per kilogram (C/kg) to roentgen (R)

Usage

NISTcoulombPerKgTOroentgen(coulombPerKg)

Arguments

coulombPerKg coulomb per kilogram (C/kg)

Value

roentgen (R)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcoulombPerKgTOroentgen(10)

NISTcoulombTOabcoulomb

Convert coulomb to abcoulomb

Description

NISTcoulombTOabcoulomb converts from coulomb (C) to abcoulomb

Usage

NISTcoulombTOabcoulomb(coulomb)

Arguments

coulomb coulomb (C)

Value

abcoulomb

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcoulombTOabcoulomb(10)

NISTcoulombTOampereHour

Convert coulomb to ampere hour

Description

NISTcoulombTOampereHour converts from coulomb (C) to ampere hour (A * h)

Usage

NISTcoulombTOampereHour(coulomb)

Arguments

coulomb coulomb (C)

Value

ampere hour (A * h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcoulombTOampereHour(10)

NISTcoulombTOfaraday *Convert coulomb to faraday*

Description

NISTcoulombTOfaraday converts from coulomb (C) to faraday (based on carbon 12)

Usage

NISTcoulombTOfaraday(coulomb)

Arguments

coulomb coulomb (C)

Value

faraday (based on carbon 12)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcoulombTOfaraday(10)

NISTcoulombTOfranklin *Convert coulomb to franklin*

Description

NISTcoulombTOfranklin converts from coulomb (C) to franklin (Fr)

Usage

NISTcoulombTOfranklin(coulomb)

Arguments

coulomb coulomb (C)

Value

franklin (Fr)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcoulombTOfranklin(10)

NISTcoulombT0statcoulomb

Convert coulomb to statcoulomb

Description

NISTcoulombT0statcoulomb converts from coulomb (C) to statcoulomb

Usage

NISTcoulombT0statcoulomb(coulomb)

Arguments

coulomb coulomb (C)

Value

statcoulomb

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcoulombT0statcoulomb(10)

NISTcubFtPerMinTOcubMeterPerSec

Convert cubic foot per minute to cubic meter per second

Description

NISTcubFtPerMinTOcubMeterPerSec converts from cubic foot per minute (ft³/min) to cubic meter per second (m³/s)

Usage

NISTcubFtPerMinTOcubMeterPerSec(cubFtPerMin)

Arguments

cubFtPerMin cubic foot per minute (ft³/min)

Value

cubic meter per second (m³/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubFtPerMinTOcubMeterPerSec(10)

NISTcubFtPerMinTOliterPerSec

Convert cubic foot per minute to liter per second

Description

NISTcubFtPerMinTOliterPerSec converts from cubic foot per minute (ft³/min) to liter per second (L/s)

Usage

NISTcubFtPerMinTOliterPerSec(cubFtPerMin)

Arguments

cubFtPerMin cubic foot per minute (ft³/min)

Value

liter per second (L/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubFtPerMinTOliterPerSec(10)

NISTcubFtPerSecTOcubMeterPerSec

Convert cubic foot per second to cubic meter per second

Description

NISTcubFtPerSecTOcubMeterPerSec converts from cubic foot per second (ft³/s) to cubic meter per second (m³/s)

Usage

NISTcubFtPerSecTOcubMeterPerSec(cubFtPerSec)

Arguments

cubFtPerSec cubic foot per second (ft³/s)

Value

cubic meter per second (m³/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubFtPerSecTOcubMeterPerSec(10)

NISTcubFtTOcubMeter	<i>Convert cubic foot to cubic meter</i>
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Description

NISTcubFtTOcubMeter converts from cubic foot (ft3) to cubic meter (m3)

Usage

NISTcubFtTOcubMeter(cubFt)

Arguments

cubFt	cubic foot (ft3)
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Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTcubFtTOcubMeter(10)

NISTcubInchPerMinTOcubMeterPerSec

Convert cubic inch per minute to cubic meter per second

Description

NISTcubInchPerMinTOcubMeterPerSec converts from cubic inch per minute (in³/min) to cubic meter per second (m³/s)

Usage

NISTcubInchPerMinTOcubMeterPerSec(cubInchPerMin)

Arguments

cubInchPerMin cubic inch per minute (in³/min)

Value

cubic meter per second (m³/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubInchPerMinTOcubMeterPerSec(10)

NISTcubInchTOcubMeter *Convert cubic inch 13 to cubic meter*

Description

NISTcubInchTOcubMeter converts from cubic inch (in3) 13 to cubic meter (m3)

Usage

NISTcubInchTOcubMeter(cubInch)

Arguments

cubInch cubic inch (in3) 13

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTcubInchTOcubMeter(10)

NISTcubMeterPerJouleTOgallonPerHorsepowerHour

Convert cubic meter per joule to gallon per horsepower hour

Description

NISTcubMeterPerJouleTOgallonPerHorsepowerHour converts from cubic meter per joule (m³/J) to gallon (U.S.) per horsepower hour [gal/(hp * h)]

Usage

NISTcubMeterPerJouleTOgallonPerHorsepowerHour(cubMeterPerJoule)

Arguments

cubMeterPerJoule
cubic meter per joule (m³/J)

Value

gallon (U.S.) per horsepower hour [gal/(hp * h)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubMeterPerJouleTOgallonPerHorsepowerHour(10)

NISTcubMeterPerSecTOcubFtPerMin

Convert cubic meter per second to cubic foot per minute

Description

NISTcubMeterPerSecTOcubFtPerMin converts from cubic meter per second (m³/s) to cubic foot per minute (ft³/min)

Usage

NISTcubMeterPerSecTOcubFtPerMin(cubMeterPerSec)

Arguments

cubMeterPerSec cubic meter per second (m³/s)

Value

cubic foot per minute (ft³/min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTcubMeterPerSecTOcubFtPerMin(10)

NISTcubMeterPerSecTOcubFtPerSec*Convert cubic meter per second to cubic foot per second*

Description

NISTcubMeterPerSecTOcubFtPerSec converts from cubic meter per second (m³/s) to cubic foot per second (ft³/s)

Usage

NISTcubMeterPerSecTOcubFtPerSec(cubMeterPerSec)

Arguments

cubMeterPerSec cubic meter per second (m³/s)

Value

cubic foot per second (ft³/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubMeterPerSecTOcubFtPerSec(10)

NISTcubMeterPerSecTOcubInchPerMin

Convert cubic meter per second to cubic inch per minute

Description

NISTcubMeterPerSecTOcubInchPerMin converts from cubic meter per second (m³/s) to cubic inch per minute (in³/min)

Usage

NISTcubMeterPerSecTOcubInchPerMin(cubMeterPerSec)

Arguments

cubMeterPerSec cubic meter per second (m³/s)

Value

cubic inch per minute (in³/min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubMeterPerSecTOcubInchPerMin(10)

NISTcubMeterPerSecTOcubYardPerMin

Convert cubic meter per second to cubic yard per minute

Description

NISTcubMeterPerSecTOcubYardPerMin converts from cubic meter per second (m³/s) to cubic yard per minute (yd³/min)

Usage

NISTcubMeterPerSecTOcubYardPerMin(cubMeterPerSec)

Arguments

cubMeterPerSec cubic meter per second (m³/s)

Value

cubic yard per minute (yd³/min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTcubMeterPerSecTOcubYardPerMin(10)

NISTcubMeterPerSecTOgallonPerDay

Convert cubic meter per second to gallon per day

Description

NISTcubMeterPerSecTOgallonPerDay converts from cubic meter per second (m³/s) to gallon (U.S.) per day (gal/d)

Usage

NISTcubMeterPerSecTOgallonPerDay(cubMeterPerSec)

Arguments

cubMeterPerSec cubic meter per second (m³/s)

Value

gallon (U.S.) per day (gal/d)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubMeterPerSecTOgallonPerDay(10)

NISTcubMeterPerSecTOgallonPerMin

Convert cubic meter per second to gallon per minute

Description

NISTcubMeterPerSecTOgallonPerMin converts from cubic meter per second (m³/s) to gallon (U.S.) per minute (gpm) (gal/min)

Usage

NISTcubMeterPerSecTOgallonPerMin(cubMeterPerSec)

Arguments

cubMeterPerSec cubic meter per second (m³/s)

Value

gallon (U.S.) per minute (gpm) (gal/min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubMeterPerSecTOgallonPerMin(10)

NISTcubMeterTOacreFt *Convert cubic meter to acre foot 7*

Description

NISTcubMeterTOacreFt converts from cubic meter (m3) to acre foot (based on U.S. survey foot) 7

Usage

NISTcubMeterTOacreFt(cubMeter)

Arguments

cubMeter cubic meter (m3)

Value

acre foot (based on U.S. survey foot) 7

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubMeterTOacreFt(10)

NISTcubMeterTObarrel *Convert cubic meter to barrel*

Description

NISTcubMeterTObarrel converts from cubic meter (m3) to barrel [for petroleum, 42 gallons (U.S.)] (bbl)

Usage

NISTcubMeterTObarrel(cubMeter)

Arguments

cubMeter cubic meter (m3)

Value

barrel [for petroleum, 42 gallons (U.S.)] (bbl)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubMeterTObarrel(10)

NISTcubMeterTObushel *Convert cubic meter to bushel*

Description

NISTcubMeterTObushel converts from cubic meter (m3) to bushel (U.S.) (bu)

Usage

NISTcubMeterTObushel(cubMeter)

Arguments

cubMeter cubic meter (m3)

Value

bushel (U.S.) (bu)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubMeterTObushel(10)

NISTcubMeterTOcord	<i>Convert cubic meter to cord</i>
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Description

NISTcubMeterTOcord converts from cubic meter (m3) to cord (128 ft3)

Usage

NISTcubMeterTOcord(cubMeter)

Arguments

cubMeter	cubic meter (m3)
----------	------------------

Value

cord (128 ft3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubMeterTOcord(10)

NISTcubMeterTOcubFt	<i>Convert cubic meter to cubic foot</i>
---------------------	--

Description

NISTcubMeterTOcubFt converts from cubic meter (m3) to cubic foot (ft3)

Usage

NISTcubMeterTOcubFt(cubMeter)

Arguments

cubMeter	cubic meter (m3)
----------	------------------

Value

cubic foot (ft3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTcubMeterTOcubFt(10)

NISTcubMeterTOcubInch *Convert cubic meter to cubic inch 13*

Description

NISTcubMeterTOcubInch converts from cubic meter (m3) to cubic inch (in3) 13

Usage

NISTcubMeterTOcubInch(cubMeter)

Arguments

cubMeter cubic meter (m3)

Value

cubic inch (in3) 13

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubMeterTOcubInch(10)

NISTcubMeterTOcubMile *Convert cubic meter to cubic mile*

Description

NISTcubMeterTOcubMile converts from cubic meter (m3) to cubic mile (mi3)

Usage

NISTcubMeterTOcubMile(cubMeter)

Arguments

cubMeter cubic meter (m3)

Value

cubic mile (mi3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubMeterTOcubMile(10)

NISTcubMeterTOcubYard *Convert cubic meter to cubic yard*

Description

NISTcubMeterTOcubYard converts from cubic meter (m3) to cubic yard (yd3)

Usage

NISTcubMeterTOcubYard(cubMeter)

Arguments

cubMeter cubic meter (m3)

Value

cubic yard (yd3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubMeterTOcubYard(10)

NISTcubMeterTOcup	<i>Convert cubic meter to cup</i>
-------------------	-----------------------------------

Description

NISTcubMeterTOcup converts from cubic meter (m3) to cup (U.S.)

Usage

NISTcubMeterTOcup(cubMeter)

Arguments

cubMeter	cubic meter (m3)
----------	------------------

Value

cup (U.S.)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubMeterTOcup(10)

NISTcubMeterTOfluidOunce

Convert cubic meter to fluid ounce

Description

NISTcubMeterTOfluidOunce converts from cubic meter (m3) to fluid ounce (U.S.) (fl oz)

Usage

NISTcubMeterTOfluidOunce(cubMeter)

Arguments

cubMeter	cubic meter (m3)
----------	------------------

Value

fluid ounce (U.S.) (fl oz)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubMeterTOfluidOunce(10)

NISTcubMeterTOgallon *Convert cubic meter to gallon*

Description

NISTcubMeterTOgallon converts from cubic meter (m3) to gallon (U.S.) (gal)

Usage

NISTcubMeterTOgallon(cubMeter)

Arguments

cubMeter cubic meter (m3)

Value

gallon (U.S.) (gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubMeterTOgallon(10)

`NISTcubMeterTOgallonImperial`*Convert cubic meter to gallon*

Description

`NISTcubMeterTOgallonImperial` converts from cubic meter (m3) to gallon [Canadian and U.K. (Imperial)] (gal)

Usage

`NISTcubMeterTOgallonImperial(cubMeter)`

Arguments

<code>cubMeter</code>	cubic meter (m3)
-----------------------	------------------

Value

gallon [Canadian and U.K. (Imperial)] (gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

`NISTcubMeterTOgallonImperial(10)`

NISTcubMeterTOgill	<i>Convert cubic meter to gill</i>
--------------------	------------------------------------

Description

NISTcubMeterTOgill converts from cubic meter (m3) to gill (U.S.) (gi)

Usage

NISTcubMeterTOgill(cubMeter)

Arguments

cubMeter	cubic meter (m3)
----------	------------------

Value

gill (U.S.) (gi)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTcubMeterTOgill(10)

`NISTcubMeterTOgillImperial`*Convert cubic meter to gill*

Description

`NISTcubMeterTOgillImperial` converts from cubic meter (m3) to gill [Canadian and U.K. (Imperial)] (gi)

Usage

```
NISTcubMeterTOgillImperial(cubMeter)
```

Arguments

<code>cubMeter</code>	cubic meter (m3)
-----------------------	------------------

Value

gill [Canadian and U.K. (Imperial)] (gi)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
NISTcubMeterTOgillImperial(10)
```

NISTcubMeterTOliter	<i>Convert cubic meter to liter 19</i>
---------------------	--

Description

NISTcubMeterTOliter converts from cubic meter (m3) to liter (L) 19

Usage

NISTcubMeterTOliter(cubMeter)

Arguments

cubMeter	cubic meter (m3)
----------	------------------

Value

liter (L) 19

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubMeterTOliter(10)

NISTcubMeterTOounce	<i>Convert cubic meter to ounce</i>
---------------------	-------------------------------------

Description

NISTcubMeterTOounce converts from cubic meter (m3) to ounce (U.S. fluid) (fl oz)

Usage

NISTcubMeterTOounce(cubMeter)

Arguments

cubMeter	cubic meter (m3)
----------	------------------

Value

ounce (U.S. fluid) (fl oz)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubMeterTOounce(10)

`NISTcubMeterTOounceImperial`*Convert cubic meter to ounce*

Description

`NISTcubMeterTOounceImperial` converts from cubic meter (m3) to ounce [Canadian and U.K. fluid (Imperial)] (fl oz)

Usage

`NISTcubMeterTOounceImperial(cubMeter)`

Arguments

<code>cubMeter</code>	cubic meter (m3)
-----------------------	------------------

Value

ounce [Canadian and U.K. fluid (Imperial)] (fl oz)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

`NISTcubMeterTOounceImperial(10)`

NISTcubMeterTOpeck	<i>Convert cubic meter to peck</i>
--------------------	------------------------------------

Description

NISTcubMeterTOpeck converts from cubic meter (m3) to peck (U.S.) (pk)

Usage

NISTcubMeterTOpeck(cubMeter)

Arguments

cubMeter	cubic meter (m3)
----------	------------------

Value

peck (U.S.) (pk)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubMeterTOpeck(10)

NISTcubMeterTOpintUSdry

Convert cubic meter to pint

Description

NISTcubMeterTOpintUSdry converts from cubic meter (m3) to pint (U.S. dry) (dry pt)

Usage

NISTcubMeterTOpintUSdry(cubMeter)

Arguments

cubMeter	cubic meter (m3)
----------	------------------

Value

pint (U.S. dry) (dry pt)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubMeterTOpintUSdry(10)

NISTcubMeterTOpintUSliquid

Convert cubic meter to pint

Description

NISTcubMeterTOpintUSliquid converts from cubic meter (m3) to pint (U.S. liquid) (liq pt)

Usage

NISTcubMeterTOpintUSliquid(cubMeter)

Arguments

cubMeter	cubic meter (m3)
----------	------------------

Value

pint (U.S. liquid) (liq pt)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTcubMeterTOpintUSliquid(10)

NISTcubMeterTOquartUSdry

Convert cubic meter to quart

Description

NISTcubMeterTOquartUSdry converts from cubic meter (m3) to quart (U.S. dry) (dry qt)

Usage

NISTcubMeterTOquartUSdry(cubMeter)

Arguments

cubMeter cubic meter (m3)

Value

quart (U.S. dry) (dry qt)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubMeterTOquartUSdry(10)

NISTcubMeterTOquartUSliquid

Convert cubic meter to quart

Description

NISTcubMeterTOquartUSliquid converts from cubic meter (m3) to quart (U.S. liquid) (liq qt)

Usage

NISTcubMeterTOquartUSliquid(cubMeter)

Arguments

cubMeter cubic meter (m3)

Value

quart (U.S. liquid) (liq qt)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubMeterTOquartUSliquid(10)

NISTcubMeterTOstere	<i>Convert cubic meter to stere</i>
---------------------	-------------------------------------

Description

NISTcubMeterTOstere converts from cubic meter (m3) to stere (st)

Usage

NISTcubMeterTOstere(cubMeter)

Arguments

cubMeter	cubic meter (m3)
----------	------------------

Value

stere (st)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubMeterTOstere(10)

NISTcubMeterT0tablespoon

Convert cubic meter to tablespoon

Description

NISTcubMeterT0tablespoon converts from cubic meter (m3) to tablespoon

Usage

NISTcubMeterT0tablespoon(cubMeter)

Arguments

cubMeter	cubic meter (m3)
----------	------------------

Value

tablespoon

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubMeterT0tablespoon(10)

NISTcubMeterTOteaspoon

Convert cubic meter to teaspoon

Description

NISTcubMeterTOteaspoon converts from cubic meter (m3) to teaspoon

Usage

NISTcubMeterTOteaspoon(cubMeter)

Arguments

cubMeter	cubic meter (m3)
----------	------------------

Value

teaspoon

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubMeterTOteaspoon(10)

NISTcubMeterTOtonRegister

Convert cubic meter to ton, register

Description

NISTcubMeterTOtonRegister converts from cubic meter (m3) to ton, register

Usage

NISTcubMeterTOtonRegister(cubMeter)

Arguments

cubMeter	cubic meter (m3)
----------	------------------

Value

ton, register

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubMeterTOtonRegister(10)

NISTcubMileTOcubMeter *Convert cubic mile to cubic meter*

Description

NISTcubMileTOcubMeter converts from cubic mile (mi³) to cubic meter (m³)

Usage

NISTcubMileTOcubMeter(cubMile)

Arguments

cubMile cubic mile (mi³)

Value

cubic meter (m³)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubMileTOcubMeter(10)

NISTcubYardPerMinTOcubMeterPerSec*Convert cubic yard per minute to cubic meter per second*

Description

NISTcubYardPerMinTOcubMeterPerSec converts from cubic yard per minute (yd3/min) to cubic meter per second (m3/s)

Usage

NISTcubYardPerMinTOcubMeterPerSec(cubYardPerMin)

Arguments

cubYardPerMin cubic yard per minute (yd3/min)

Value

cubic meter per second (m3/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTcubYardPerMinTOcubMeterPerSec(10)

NISTcubYardTOcubMeter *Convert cubic yard to cubic meter*

Description

NISTcubYardTOcubMeter converts from cubic yard (yd3) to cubic meter (m3)

Usage

NISTcubYardTOcubMeter(cubYard)

Arguments

cubYard cubic yard (yd3)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcubYardTOcubMeter(10)

NISTcupTOcubMeter	<i>Convert cup to cubic meter</i>
-------------------	-----------------------------------

Description

NISTcupTOcubMeter converts from cup (U.S.) to cubic meter (m3)

Usage

NISTcupTOcubMeter(cup)

Arguments

cup	cup (U.S.)
-----	------------

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcupTOcubMeter(10)

NISTcupToliter	<i>Convert cup to liter</i>
----------------	-----------------------------

Description

NISTcupToliter converts from cup (U.S.) to liter (L)

Usage

NISTcupToliter(cup)

Arguments

cup	cup (U.S.)
-----	------------

Value

liter (L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcupToliter(10)

NISTcupT0m1	<i>Convert cup to milliliter</i>
-------------	----------------------------------

Description

NISTcupT0m1 converts from cup (U.S.) to milliliter (mL)

Usage

NISTcupT0m1(cup)

Arguments

cup	cup (U.S.)
-----	------------

Value

milliliter (mL)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcupT0m1(10)

NISTcurieTObecquerel *Convert curie to becquerel*

Description

NISTcurieTObecquerel converts from curie (Ci) to becquerel (Bq)

Usage

NISTcurieTObecquerel(curie)

Arguments

curie curie (Ci)

Value

becquerel (Bq)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTcurieTObecquerel(10)

NISTdarcyTometerSqr *Convert darcy 14 to meter squared*

Description

NISTdarcyTometerSqr converts from darcy 14 to meter squared (m2)

Usage

NISTdarcyTometerSqr(darcy)

Arguments

darcy darcy 14

Value

meter squared (m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTdarcyTometerSqr(10)

NISTdaySiderealTOsec *Convert day to second*

Description

NISTdaySiderealTOsec converts from day (sidereal) to second (s)

Usage

NISTdaySiderealTOsec(daySidereal)

Arguments

daySidereal day (sidereal)

Value

second (s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdaySiderealTOsec(10)

NISTdayTOsec	<i>Convert day to second</i>
--------------	------------------------------

Description

NISTdayTOsec converts from day (d) to second (s)

Usage

NISTdayTOsec(day)

Arguments

day	day (d)
-----	---------

Value

second (s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdayTOsec(10)

NISTdebyeTOcoulombMeter

Convert debye to coulomb meter

Description

NISTdebyeTOcoulombMeter converts from debye (D) to coulomb meter (C * m)

Usage

NISTdebyeTOcoulombMeter(debye)

Arguments

debye debye (D)

Value

coulomb meter (C * m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdebyeTOcoulombMeter(10)

NISTdegCentigradeTOdegC*Convert degree centigrade 15 to degree Celsius*

Description

NISTdegCentigradeTOdegC converts from degree centigrade (temperature interval) 15 to degree Celsius (C)

Usage

NISTdegCentigradeTOdegC(degCentigrade)

Arguments

degCentigrade degree centigrade (temperature interval) 15

Value

degree Celsius (C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdegCentigradeTOdegC(10)

NISTdegCentigradeTOdegCinterval

Convert degree centigrade temperature interval to degree Celsius

Description

NISTdegCentigradeTOdegCinterval converts from degree centigrade (temperature interval) to degree Celsius (C)

Usage

NISTdegCentigradeTOdegCinterval(degCentigrade)

Arguments

degCentigrade degree centigrade (temperature interval)

Value

degree Celsius (C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdegCentigradeTOdegCinterval(10)

NISTdegCtOdegCentigrade

Convert degree Celsius to degree centigrade 15

Description

NISTdegCtOdegCentigrade converts from degree Celsius (C) to degree centigrade (temperature interval) 15

Usage

NISTdegCtOdegCentigrade(degC)

Arguments

degC degree Celsius (C)

Value

degree centigrade (temperature interval) 15

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdegCtOdegCentigrade(10)

`NISTdegCtOdegCentigradeInterval`*Convert degree Celsius temperature interval to degree centigrade*

Description

`NISTdegCtOdegCentigradeInterval` converts from degree Celsius (C) to degree centigrade (temperature interval)

Usage

`NISTdegCtOdegCentigradeInterval(degC)`

Arguments

<code>degC</code>	degree Celsius (C)
-------------------	--------------------

Value

degree centigrade (temperature interval)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

`NISTdegCtOdegCentigradeInterval(10)`

NISTdegCtOdegF	<i>Convert degree Celsius to degree Fahrenheit</i>
----------------	--

Description

NISTdegCtOdegF converts from degree Celsius (C) to degree Fahrenheit (temperature interval) (F)

Usage

NISTdegCtOdegF(degC)

Arguments

degC degree Celsius (C)

Value

degree Fahrenheit (temperature interval) (F)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdegCtOdegF(10)

NISTdegCtOdegFinterval

Convert degree Celsius temperature interval to degree Fahrenheit

Description

NISTdegCtOdegFinterval converts from degree Celsius (C) to degree Fahrenheit (temperature interval) (F)

Usage

NISTdegCtOdegFinterval(degC)

Arguments

degC degree Celsius (C)

Value

degree Fahrenheit (temperature interval) (F)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdegCtOdegFinterval(10)

NISTdegCtOk	<i>Convert degree Celsius to kelvin</i>
-------------	---

Description

NISTdegCtOk converts from degree Celsius (C) to kelvin (K)

Usage

NISTdegCtOk(degC)

Arguments

degC	degree Celsius (C)
------	--------------------

Value

kelvin (K)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdegCtOk(10)

NISTdegCtOkInterval	<i>Convert degree Celsius temperature interval to kelvin</i>
---------------------	--

Description

NISTdegCtOkInterval converts from degree Celsius (C) to kelvin (temperature interval K)

Usage

NISTdegCtOkInterval(degC)

Arguments

degC	degree Celsius (C)
------	--------------------

Value

kelvin (K)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdegCtOkInterval(10)

NISTdegFHourPerUkThUnITtOkPerWatt

Convert degree Fahrenheit hour per British thermal unitIT to kelvin per watt

Description

NISTdegFHourPerUkThUnITtOkPerWatt converts from degree Fahrenheit hour per British thermal unitIT ($F \cdot h/BtuIT$) to kelvin per watt (K/W)

Usage

NISTdegFHourPerUkThUnITtOkPerWatt(degFHourPerUkThUnIT)

Arguments

degFHourPerUkThUnIT
degree Fahrenheit hour per British thermal unitIT ($F \cdot h/BtuIT$)

Value

kelvin per watt (K/W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdegFHourPerUkThUnITtOkPerWatt(10)

NISTdegFHourPerUkThUnthTOkPerWatt

Convert degree Fahrenheit hour per British thermal unitth to kelvin per watt

Description

NISTdegFHourPerUkThUnthTOkPerWatt converts from degree Fahrenheit hour per British thermal unitth (F * h/Btuth) to kelvin per watt (K/W)

Usage

NISTdegFHourPerUkThUnthTOkPerWatt(degFHourPerUkThUnth)

Arguments

degFHourPerUkThUnth

degree Fahrenheit hour per British thermal unitth (F * h/Btuth)

Value

kelvin per watt (K/W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdegFHourPerUkThUnthTOkPerWatt(10)

NISTdegFHourSqrFtPerUkThUnITInchTOmeterKPerWatt

Convert degree Fahrenheit hour square foot per British thermal unitIT inch to meter kelvin per watt

Description

NISTdegFHourSqrFtPerUkThUnITInchTOmeterKPerWatt converts from degree Fahrenheit hour square foot per British thermal unitIT inch [$F \cdot h \cdot \text{ft}^2/(\text{BtuIT} \cdot \text{in})$] to meter kelvin per watt ($\text{m} \cdot \text{K/W}$)

Usage

NISTdegFHourSqrFtPerUkThUnITInchTOmeterKPerWatt(degFHourSqrFtPerUkThUnITInch)

Arguments

degFHourSqrFtPerUkThUnITInch

degree Fahrenheit hour square foot per British thermal unitIT inch [$F \cdot h \cdot \text{ft}^2/(\text{BtuIT} \cdot \text{in})$]

Value

meter kelvin per watt ($\text{m} \cdot \text{K/W}$)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTdegFHourSqrFtPerUkThUnITInchTOmeterKPerWatt(10)

NISTdegFHourSqrFtPerUkThUnITtOsqrMeterKPerWatt

Convert degree Fahrenheit hour square foot per British thermal unitIT to square meter kelvin per watt

Description

NISTdegFHourSqrFtPerUkThUnITtOsqrMeterKPerWatt converts from degree Fahrenheit hour square foot per British thermal unitIT ($F \cdot h \cdot \text{ft}^2/\text{BtuIT}$) to square meter kelvin per watt ($\text{m}^2 \cdot \text{K}/\text{W}$)

Usage

NISTdegFHourSqrFtPerUkThUnITtOsqrMeterKPerWatt(degFHourSqrFtPerUkThUnIT)

Arguments

degFHourSqrFtPerUkThUnIT
degree Fahrenheit hour square foot per British thermal unitIT ($F \cdot h \cdot \text{ft}^2/\text{BtuIT}$)

Value

square meter kelvin per watt ($\text{m}^2 \cdot \text{K}/\text{W}$)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdegFHourSqrFtPerUkThUnITtOsqrMeterKPerWatt(10)

NISTdegFHourSqrFtPerUkThUnthInchTOmeterKPerWatt

Convert degree Fahrenheit hour square foot per British thermal unitth inch to meter kelvin per watt

Description

NISTdegFHourSqrFtPerUkThUnthInchTOmeterKPerWatt converts from degree Fahrenheit hour square foot per British thermal unitth inch [$F * h * ft^2 / (Btuth * in)$] to meter kelvin per watt ($m * K/W$)

Usage

NISTdegFHourSqrFtPerUkThUnthInchTOmeterKPerWatt(degFHourSqrFtPerUkThUnthInch)

Arguments

degFHourSqrFtPerUkThUnthInch

degree Fahrenheit hour square foot per British thermal unitth inch [$F * h * ft^2 / (Btuth * in)$]

Value

meter kelvin per watt ($m * K/W$)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdegFHourSqrFtPerUkThUnthInchTOmeterKPerWatt(10)

NISTdegFHourSqrFtPerUkThUnthTOsqrMeterKPerWatt

*Convert degree Fahrenheit hour square foot per British thermal unitth
to square meter kelvin per watt*

Description

NISTdegFHourSqrFtPerUkThUnthTOsqrMeterKPerWatt converts from degree Fahrenheit hour square foot per British thermal unitth ($F \cdot h \cdot \text{ft}^2/\text{Btuth}$) to square meter kelvin per watt ($\text{m}^2 \cdot \text{K}/\text{W}$)

Usage

NISTdegFHourSqrFtPerUkThUnthTOsqrMeterKPerWatt(degFHourSqrFtPerUkThUnth)

Arguments

degFHourSqrFtPerUkThUnth
degree Fahrenheit hour square foot per British thermal unitth ($F \cdot h \cdot \text{ft}^2/\text{Btuth}$)

Value

square meter kelvin per watt ($\text{m}^2 \cdot \text{K}/\text{W}$)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTdegFHourSqrFtPerUkThUnthTOsqrMeterKPerWatt(10)

NISTdegFSecPerUkThUnITtOkPerWatt

Convert degree Fahrenheit second per British thermal unitIT to kelvin per watt

Description

NISTdegFSecPerUkThUnITtOkPerWatt converts from degree Fahrenheit second per British thermal unitIT ($F \cdot s/BtuIT$) to kelvin per watt (K/W)

Usage

NISTdegFSecPerUkThUnITtOkPerWatt(degFSecPerUkThUnIT)

Arguments

degFSecPerUkThUnIT

degree Fahrenheit second per British thermal unitIT ($F \cdot s/BtuIT$)

Value

kelvin per watt (K/W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdegFSecPerUkThUnITtOkPerWatt(10)

NISTdegFSecPerUkThUnthTOkPerWatt

Convert degree Fahrenheit second per British thermal unitth to kelvin per watt

Description

NISTdegFSecPerUkThUnthTOkPerWatt converts from degree Fahrenheit second per British thermal unitth ($F * s/Btuth$) to kelvin per watt (K/W)

Usage

NISTdegFSecPerUkThUnthTOkPerWatt(degFSecPerUkThUnth)

Arguments

degFSecPerUkThUnth
degree Fahrenheit second per British thermal unitth ($F * s/Btuth$)

Value

kelvin per watt (K/W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdegFSecPerUkThUnthTOkPerWatt(10)

NISTdegFtOdegC	<i>Convert degree Fahrenheit to degree Celsius</i>
----------------	--

Description

NISTdegFtOdegC converts from degree Fahrenheit (temperature interval) (F) to degree Celsius (C)

Usage

NISTdegFtOdegC(degF)

Arguments

degF degree Fahrenheit (temperature interval) (F)

Value

degree Celsius (C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdegFtOdegC(10)

NISTdegFtOdegCinterval

Convert degree Fahrenheit temperature interval to degree Celsius

Description

NISTdegFtOdegCinterval converts from degree Fahrenheit (temperature interval) (F) to degree Celsius (C)

Usage

NISTdegFtOdegCinterval(degF)

Arguments

degF degree Fahrenheit (temperature interval) (F)

Value

degree Celsius (C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdegFtOdegCinterval(10)

NISTdegFtOk*Convert degree Fahrenheit to kelvin*

Description

NISTdegFtOk converts from degree Fahrenheit (temperature interval) (F) to kelvin (K)

Usage

NISTdegFtOk(degF)

Arguments

degF degree Fahrenheit (temperature interval) (F)

Value

kelvin (K)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdegFtOk(10)

NISTdegFtOkInterval	<i>Convert degree Fahrenheit temperature interval to kelvin</i>
---------------------	---

Description

NISTdegFtOkInterval converts from degree Fahrenheit (temperature interval) (F) to kelvin (K)

Usage

NISTdegFtOkInterval(degF)

Arguments

degF	degree Fahrenheit (temperature interval) (F)
------	--

Value

kelvin (K)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdegFtOkInterval(10)

NISTdegRankineTOk	<i>Convert degree Rankine to kelvin</i>
-------------------	---

Description

NISTdegRankineTOk converts from degree Rankine (temperature interval) (R) to kelvin (K)

Usage

NISTdegRankineTOk(degRankine)

Arguments

degRankine degree Rankine (temperature interval) (R)

Value

kelvin (K)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdegRankineTOk(10)

NISTdegRankineTOkInterval

Convert degree Rankine temperature interval to kelvin

Description

NISTdegRankineTOkInterval converts from degree Rankine (temperature interval) (R) to kelvin (K)

Usage

NISTdegRankineTOkInterval(degRankine)

Arguments

degRankine degree Rankine (temperature interval) (R)

Value

kelvin (K)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdegRankineTOkInterval(10)

NISTdegTOgon	<i>Convert degree to gon</i>
--------------	------------------------------

Description

NISTdegTOgon converts from degree (angle) () to gon (also called grade) (gon)

Usage

NISTdegTOgon(deg)

Arguments

deg	degree (angle) ()
-----	-------------------

Value

gon (also called grade) (gon)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdegTOgon(10)

NISTdegTOmil	<i>Convert degree to mil</i>
--------------	------------------------------

Description

NISTdegTOmil converts from degree () to mil (angle)

Usage

NISTdegTOmil(deg)

Arguments

deg	degree ()
-----	-----------

Value

mil (angle)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdegTOmil(10)

NISTdegTOradian	<i>Convert degree to radian</i>
-----------------	---------------------------------

Description

NISTdegTOradian converts from degree (angle) (°) to radian (rad)

Usage

NISTdegTOradian(deg)

Arguments

deg	degree (angle) (°)
-----	--------------------

Value

radian (rad)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdegTOradian(10)

NISTdenierTOgramPerMeter

Convert denier to gram per meter

Description

NISTdenierTOgramPerMeter converts from denier to gram per meter (g/m)

Usage

NISTdenierTOgramPerMeter(denier)

Arguments

denier denier

Value

gram per meter (g/m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdenierTOgramPerMeter(10)

NISTdenierTOkgPerMeter

Convert denier to kilogram per meter

Description

NISTdenierTOkgPerMeter converts from denier to kilogram per meter (kg/m)

Usage

NISTdenierTOkgPerMeter(denier)

Arguments

denier denier

Value

kilogram per meter (kg/m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdenierTOkgPerMeter(10)

NISTdyneCmTOnewtonMeter

Convert dyne centimeter to newton meter

Description

NISTdyneCmTOnewtonMeter converts from dyne centimeter (dyn * cm) to newton meter (N * m)

Usage

NISTdyneCmTOnewtonMeter(dyneCm)

Arguments

dyneCm dyne centimeter (dyn * cm)

Value

newton meter (N * m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdyneCmTOnewtonMeter(10)

`NISTdynePerSqrCmTOpascal`*Convert dyne per square centimeter to pascal*

Description

`NISTdynePerSqrCmTOpascal` converts from dyne per square centimeter (dyn/cm²) to pascal (Pa)

Usage

`NISTdynePerSqrCmTOpascal(dynePerSqrCm)`

Arguments

`dynePerSqrCm` dyne per square centimeter (dyn/cm²)

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

`NISTdynePerSqrCmTOpascal(10)`

NISTdyneTOnewton	<i>Convert dyne to newton</i>
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Description

NISTdyneTOnewton converts from dyne (dyn) to newton (N)

Usage

NISTdyneTOnewton(dyne)

Arguments

dyne	dyne (dyn)
------	------------

Value

newton (N)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTdyneTOnewton(10)

`NISTelectronvoltTOjoule`*Convert electronvolt to joule*

Description

NISTelectronvoltTOjoule converts from electronvolt (eV) to joule (J)

Usage

```
NISTelectronvoltTOjoule(electronvolt)
```

Arguments

electronvolt electronvolt (eV)

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
NISTelectronvoltTOjoule(10)
```

NISTEMUOfCapacitanceTOfarad

Convert EMU of capacitance to farad

Description

NISTEMUOfCapacitanceTOfarad converts from EMU of capacitance (abfarad) to farad (F)

Usage

NISTEMUOfCapacitanceTOfarad(EMUOfCapacitance)

Arguments

EMUOfCapacitance

EMU of capacitance (abfarad)

Value

farad (F)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTEMUOfCapacitanceTOfarad(10)

NISTEMUOfCurrentTOampere

Convert EMU of current to ampere

Description

NISTEMUOfCurrentTOampere converts from EMU of current (abampere) to ampere (A)

Usage

NISTEMUOfCurrentTOampere(EMUOfCurrent)

Arguments

EMUOfCurrent EMU of current (abampere)

Value

ampere (A)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTEMUOfCurrentTOampere(10)

NISTEMUOfElectricPotentialTOvolt

Convert EMU of electric potential to volt

Description

NISTEMUOfElectricPotentialTOvolt converts from EMU of electric potential (abvolt) to volt (V)

Usage

NISTEMUOfElectricPotentialTOvolt(EMUOfElectricPotential)

Arguments

EMUOfElectricPotential
EMU of electric potential (abvolt)

Value

volt (V)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTEMUOfElectricPotentialTOvolt(10)

NISTEMUOfInductanceTOhenry

Convert EMU of inductance to henry

Description

NISTEMUOfInductanceTOhenry converts from EMU of inductance (abhenry) to henry (H)

Usage

NISTEMUOfInductanceTOhenry(EMUOfInductance)

Arguments

EMUOfInductance

EMU of inductance (abhenry)

Value

henry (H)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTEMUOfInductanceTOhenry(10)

NISTEMUOfResistanceTOohm

Convert EMU of resistance to ohm

Description

NISTEMUOfResistanceTOohm converts from EMU of resistance (abohm) to ohm (ohm)

Usage

NISTEMUOfResistanceTOohm(EMUOfResistance)

Arguments

EMUOfResistance
EMU of resistance (abohm)

Value

ohm (ohm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTEMUOfResistanceTOohm(10)

NISTergPerSecTOwatt	<i>Convert erg per second to watt</i>
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Description

NISTergPerSecTOwatt converts from erg per second (erg/s) to watt (W)

Usage

NISTergPerSecTOwatt(ergPerSec)

Arguments

ergPerSec	erg per second (erg/s)
-----------	------------------------

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTergPerSecTOwatt(10)

NISTergPerSqrCmSecTOwattPerSqrMeter

Convert erg per square centimeter second to watt per square meter

Description

NISTergPerSqrCmSecTOwattPerSqrMeter converts from erg per square centimeter second [erg/(cm² * s)] to watt per square meter (W/m²)

Usage

NISTergPerSqrCmSecTOwattPerSqrMeter(ergPerSqrCmSec)

Arguments

ergPerSqrCmSec erg per square centimeter second [erg/(cm² * s)]

Value

watt per square meter (W/m²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTergPerSqrCmSecTOwattPerSqrMeter(10)

NISTergTOjoule	<i>Convert erg to joule</i>
----------------	-----------------------------

Description

NISTergTOjoule converts from erg (erg) to joule (J)

Usage

NISTergTOjoule(erg)

Arguments

erg	erg (erg)
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Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTergTOjoule(10)

NISTESUOfCapacitanceTOfarad

Convert ESU of capacitance to farad

Description

NISTESUOfCapacitanceTOfarad converts from ESU of capacitance (statfarad) to farad (F)

Usage

NISTESUOfCapacitanceTOfarad(ESUOfCapacitance)

Arguments

ESUOfCapacitance
ESU of capacitance (statfarad)

Value

farad (F)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTESUOfCapacitanceTOfarad(10)

NISTESUOfCurrentTOampere

Convert ESU of current to ampere

Description

NISTESUOfCurrentTOampere converts from ESU of current (statampere) to ampere (A)

Usage

NISTESUOfCurrentTOampere(ESUOfCurrent)

Arguments

ESUOfCurrent ESU of current (statampere)

Value

ampere (A)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTESUOfCurrentTOampere(10)

NISTESUOfElectricPotentialTOvolt

Convert ESU of electric potential to volt

Description

NISTESUOfElectricPotentialTOvolt converts from ESU of electric potential (statvolt) to volt (V)

Usage

NISTESUOfElectricPotentialTOvolt(ESUOfElectricPotential)

Arguments

ESUOfElectricPotential
ESU of electric potential (statvolt)

Value

volt (V)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTESUOfElectricPotentialTOvolt(10)

NISTESUOfInductanceTOhenry

Convert ESU of inductance to henry

Description

NISTESUOfInductanceTOhenry converts from ESU of inductance (stathenry) to henry (H)

Usage

NISTESUOfInductanceTOhenry(ESUOfInductance)

Arguments

ESUOfInductance

ESU of inductance (stathenry)

Value

henry (H)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTESUOfInductanceTOhenry(10)

NISTESUOfResistanceTOohm

Convert ESU of resistance to ohm

Description

NISTESUOfResistanceTOohm converts from ESU of resistance (statohm) to ohm (ohm)

Usage

NISTESUOfResistanceTOohm(ESUOfResistance)

Arguments

ESUOfResistance
ESU of resistance (statohm)

Value

ohm (ohm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTESUOfResistanceTOohm(10)

NISTfaradayTOcoulomb *Convert faraday to coulomb*

Description

NISTfaradayTOcoulomb converts from faraday (based on carbon 12) to coulomb (C)

Usage

NISTfaradayTOcoulomb(faraday)

Arguments

faraday faraday (based on carbon 12)

Value

coulomb (C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTfaradayTOcoulomb(10)

NISTfaradTOabfarad	<i>Convert farad to abfarad</i>
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Description

NISTfaradTOabfarad converts from farad (F) to abfarad

Usage

NISTfaradTOabfarad(farad)

Arguments

farad	farad (F)
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Value

abfarad

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTfaradTOabfarad(10)

NISTfaradToEMUOfCapacitance

Convert farad to EMU of capacitance

Description

NISTfaradToEMUOfCapacitance converts from farad (F) to EMU of capacitance (abfarad)

Usage

NISTfaradToEMUOfCapacitance(farad)

Arguments

farad farad (F)

Value

EMU of capacitance (abfarad)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTfaradToEMUOfCapacitance(10)

NISTfaradToESUOfCapacitance

Convert farad to ESU of capacitance

Description

NISTfaradToESUOfCapacitance converts from farad (F) to ESU of capacitance (statfarad)

Usage

NISTfaradToESUOfCapacitance(farad)

Arguments

farad farad (F)

Value

ESU of capacitance (statfarad)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTfaradToESUOfCapacitance(10)

NISTfaradTostatfarad *Convert farad to statfarad*

Description

NISTfaradTostatfarad converts from farad (F) to statfarad

Usage

NISTfaradTostatfarad(farad)

Arguments

farad farad (F)

Value

statfarad

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTfaradTostatfarad(10)

NISTfathomTOMeter	<i>Convert fathom 7 to meter</i>
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Description

NISTfathomTOMeter converts from fathom (based on U.S. survey foot) 7 to meter (m)

Usage

NISTfathomTOMeter(fathom)

Arguments

fathom	fathom (based on U.S. survey foot) 7
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Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTfathomTOMeter(10)

NISTfemtometerTOfermi *Convert femtometer to fermi*

Description

NISTfemtometerTOfermi converts from femtometer (fm) to fermi

Usage

NISTfemtometerTOfermi(femtometer)

Arguments

femtometer femtometer (fm)

Value

fermi

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTfemtometerTOfermi(10)

NISTfermiTOfemtometer *Convert fermi to femtometer*

Description

NISTfermiTOfemtometer converts from fermi to femtometer (fm)

Usage

NISTfermiTOfemtometer(fermi)

Arguments

fermi fermi

Value

femtometer (fm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTfermiTOfemtometer(10)

NISTfermiTOmeter	<i>Convert fermi to meter</i>
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Description

NISTfermiTOmeter converts from fermi to meter (m)

Usage

NISTfermiTOmeter(fermi)

Arguments

fermi	fermi
-------	-------

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTfermiTOmeter(10)

NISTfluidOunceTOcubMeter

Convert fluid ounce to cubic meter

Description

NISTfluidOunceTOcubMeter converts from fluid ounce (U.S.) (fl oz) to cubic meter (m3)

Usage

NISTfluidOunceTOcubMeter(fluidOunce)

Arguments

fluidOunce fluid ounce (U.S.) (fl oz)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTfluidOunceTOcubMeter(10)

NISTfluidOunceTOml	<i>Convert fluid ounce to milliliter</i>
--------------------	--

Description

NISTfluidOunceTOml converts from fluid ounce (U.S.) (fl oz) to milliliter (mL)

Usage

NISTfluidOunceTOml(fluidOunce)

Arguments

fluidOunce	fluid ounce (U.S.) (fl oz)
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Value

milliliter (mL)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTfluidOunceTOml(10)

NISTfranklinTOcoulomb *Convert franklin to coulomb*

Description

NISTfranklinTOcoulomb converts from franklin (Fr) to coulomb (C)

Usage

NISTfranklinTOcoulomb(franklin)

Arguments

franklin franklin (Fr)

Value

coulomb (C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTfranklinTOcoulomb(10)

NISTft4thPowerTOMeter4thPower

Convert foot to the fourth power 16 to meter to the fourth power

Description

NISTft4thPowerTOMeter4thPower converts from foot to the fourth power (ft4) 16 to meter to the fourth power (m4)

Usage

NISTft4thPowerTOMeter4thPower(ft4thPower)

Arguments

ft4thPower foot to the fourth power (ft4) 16

Value

meter to the fourth power (m4)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTft4thPowerTOMeter4thPower(10)

NISTftcandleTOlux	<i>Convert footcandle to lux</i>
-------------------	----------------------------------

Description

NISTftcandleTOlux converts from footcandle to lux (lx)

Usage

NISTftcandleTOlux(ftcandle)

Arguments

ftcandle	footcandle
----------	------------

Value

lux (lx)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTftcandleTOlux(10)

NISTftlambertTOcandelaPerSqrMeter

Convert footlambert to candela per square meter

Description

NISTftlambertTOcandelaPerSqrMeter converts from footlambert to candela per square meter (cd/m²)

Usage

NISTftlambertTOcandelaPerSqrMeter(ftlambert)

Arguments

ftlambert footlambert

Value

candela per square meter (cd/m²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTftlambertTOcandelaPerSqrMeter(10)

NISTftOfMercuryConvtnlT0kpasca1

Convert foot of mercury, conventional 12 to kilopascal

Description

NISTftOfMercuryConvtnlT0kpasca1 converts from foot of mercury, conventional (ftHg) 12 to kilopascal (kPa)

Usage

NISTftOfMercuryConvtnlT0kpasca1(ftOfMercuryConvtnl)

Arguments

ftOfMercuryConvtnl
foot of mercury, conventional (ftHg) 12

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTftOfMercuryConvtnlT0kpasca1(10)

`NISTftOfMercuryConvtnlTOpascal`*Convert foot of mercury, conventional 12 to pascal*

Description

`NISTftOfMercuryConvtnlTOpascal` converts from foot of mercury, conventional (ftHg) 12 to pascal (Pa)

Usage

```
NISTftOfMercuryConvtnlTOpascal(ftOfMercuryConvtnl)
```

Arguments

```
ftOfMercuryConvtnl  
    foot of mercury, conventional (ftHg) 12
```

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
NISTftOfMercuryConvtnlTOpascal(10)
```

NISTftOfWaterConvtnlT0kpascal

Convert foot of water, conventional 12 to kilopascal

Description

NISTftOfWaterConvtnlT0kpascal converts from foot of water, conventional (ftH2O) 12 to kilopascal (kPa)

Usage

NISTftOfWaterConvtnlT0kpascal(ftOfWaterConvtnl)

Arguments

ftOfWaterConvtnl
foot of water, conventional (ftH2O) 12

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTftOfWaterConvtnlT0kpascal(10)

`NISTftOfWaterConvtnlTOpascal`*Convert foot of water, conventional 12 to pascal*

Description

`NISTftOfWaterConvtnlTOpascal` converts from foot of water, conventional (ftH2O) 12 to pascal (Pa)

Usage

```
NISTftOfWaterConvtnlTOpascal(ftOfWaterConvtnl)
```

Arguments

`ftOfWaterConvtnl`
foot of water, conventional (ftH2O) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
NISTftOfWaterConvtnlTOpascal(10)
```

NISTftOfWaterTOkpasal

Convert foot of water 12 to kilopascal

Description

NISTftOfWaterTOkpasal converts from foot of water (39.2 F) 12 to kilopascal (kPa)

Usage

NISTftOfWaterTOkpasal(ftOfWater)

Arguments

ftOfWater foot of water (39.2 F) 12

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTftOfWaterTOkpasal(10)

NISTftOfWaterTOpascal *Convert foot of water 12 to pascal*

Description

NISTftOfWaterTOpascal converts from foot of water (39.2 F) 12 to pascal (Pa)

Usage

NISTftOfWaterTOpascal(ftOfWater)

Arguments

ftOfWater foot of water (39.2 F) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTftOfWaterTOpascal(10)

NISTftPerHourTOmeterPerSec

Convert foot per hour to meter per second

Description

NISTftPerHourTOmeterPerSec converts from foot per hour (ft/h) to meter per second (m/s)

Usage

NISTftPerHourTOmeterPerSec(ftPerHour)

Arguments

ftPerHour foot per hour (ft/h)

Value

meter per second (m/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTftPerHourTOmeterPerSec(10)

NISTftPerMinTOmeterPerSec

Convert foot per minute to meter per second

Description

NISTftPerMinTOmeterPerSec converts from foot per minute (ft/min) to meter per second (m/s)

Usage

NISTftPerMinTOmeterPerSec(ftPerMin)

Arguments

ftPerMin foot per minute (ft/min)

Value

meter per second (m/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTftPerMinTOmeterPerSec(10)

NISTftPerSecSqrDTOMeterPerSecSqrD

Convert foot per second squared to meter per second squared

Description

NISTftPerSecSqrDTOMeterPerSecSqrD converts from foot per second squared (ft/s²) to meter per second squared (m/s²)

Usage

NISTftPerSecSqrDTOMeterPerSecSqrD(ftPerSecSqrD)

Arguments

ftPerSecSqrD foot per second squared (ft/s²)

Value

meter per second squared (m/s²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTftPerSecSqrDTOMeterPerSecSqrD(10)

NISTftPerSecTOMeterPerSec

Convert foot per second to meter per second

Description

NISTftPerSecTOMeterPerSec converts from foot per second (ft/s) to meter per second (m/s)

Usage

NISTftPerSecTOMeterPerSec(ftPerSec)

Arguments

ftPerSec foot per second (ft/s)

Value

meter per second (m/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTftPerSecTOMeterPerSec(10)

NISTftPoundalTOjoule *Convert foot poundal to joule*

Description

NISTftPoundalTOjoule converts from foot poundal to joule (J)

Usage

NISTftPoundalTOjoule(ftPoundal)

Arguments

ftPoundal foot poundal

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTftPoundalTOjoule(10)

NISTftPoundForcePerHourTOwatt

Convert foot pound-force per hour to watt

Description

NISTftPoundForcePerHourTOwatt converts from foot pound-force per hour (ft * lbf/h) to watt (W)

Usage

NISTftPoundForcePerHourTOwatt(ftPoundForcePerHour)

Arguments

ftPoundForcePerHour
foot pound-force per hour (ft * lbf/h)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTftPoundForcePerHourTOwatt(10)

NISTftPoundForcePerMinTOwatt

Convert foot pound-force per minute to watt

Description

NISTftPoundForcePerMinTOwatt converts from foot pound-force per minute (ft * lbf/min) to watt (W)

Usage

NISTftPoundForcePerMinTOwatt(ftPoundForcePerMin)

Arguments

ftPoundForcePerMin
foot pound-force per minute (ft * lbf/min)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTftPoundForcePerMinTOwatt(10)

NISTftPoundForcePerSecTOwatt

Convert foot pound-force per second to watt

Description

NISTftPoundForcePerSecTOwatt converts from foot pound-force per second ($\text{ft} \cdot \text{lbf/s}$) to watt (W)

Usage

NISTftPoundForcePerSecTOwatt(ftPoundForcePerSec)

Arguments

ftPoundForcePerSec
foot pound-force per second ($\text{ft} \cdot \text{lbf/s}$)

Value

watt (W)

Author(s)

Jose Gama

Source

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References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTftPoundForcePerSecTOwatt(10)

NISTftPoundForceTOjoule

Convert foot pound-force to joule

Description

NISTftPoundForceTOjoule converts from foot pound-force (ft * lbf) to joule (J)

Usage

NISTftPoundForceTOjoule(ftPoundForce)

Arguments

ftPoundForce foot pound-force (ft * lbf)

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTftPoundForceTOjoule(10)

NISTftTometer	<i>Convert foot to meter</i>
---------------	------------------------------

Description

NISTftTometer converts from foot (ft) to meter (m)

Usage

NISTftTometer(ft)

Arguments

ft	foot (ft)
----	-----------

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTftTometer(10)

NISTftUSSurveyTOMeter *Convert foot 7 to meter*

Description

NISTftUSSurveyTOMeter converts from foot (U.S. survey) (ft) 7 to meter (m)

Usage

NISTftUSSurveyTOMeter(ftUSSurvey)

Arguments

ftUSSurvey foot (U.S. survey) (ft) 7

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTftUSSurveyTOMeter(10)

`NISTgallonImperialTOcubMeter`*Convert gallon to cubic meter*

Description

NISTgallonImperialTOcubMeter converts from gallon [Canadian and U.K. (Imperial)] (gal) to cubic meter (m3)

Usage

NISTgallonImperialTOcubMeter(gallonImperial)

Arguments

gallonImperial gallon [Canadian and U.K. (Imperial)] (gal)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTgallonImperialTOcubMeter(10)

NISTgallonImperialToliter

Convert gallon to liter

Description

NISTgallonImperialToliter converts from gallon [Canadian and U.K. (Imperial)] (gal) to liter (L)

Usage

NISTgallonImperialToliter(gallonImperial)

Arguments

gallonImperial gallon [Canadian and U.K. (Imperial)] (gal)

Value

liter (L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTgallonImperialToliter(10)

NISTgallonPerDayTOcubMeterPerSec

Convert gallon per day to cubic meter per second

Description

NISTgallonPerDayTOcubMeterPerSec converts from gallon (U.S.) per day (gal/d) to cubic meter per second (m³/s)

Usage

NISTgallonPerDayTOcubMeterPerSec(gallonPerDay)

Arguments

gallonPerDay gallon (U.S.) per day (gal/d)

Value

cubic meter per second (m³/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTgallonPerDayTOcubMeterPerSec(10)

NISTgallonPerDayTOliterPerSec

Convert gallon per day to liter per second

Description

NISTgallonPerDayTOliterPerSec converts from gallon (U.S.) per day (gal/d) to liter per second (L/s)

Usage

NISTgallonPerDayTOliterPerSec(gallonPerDay)

Arguments

gallonPerDay gallon (U.S.) per day (gal/d)

Value

liter per second (L/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTgallonPerDayTOliterPerSec(10)

NISTgallonPerHorsepowerHourTOcubMeterPerJoule

Convert gallon per horsepower hour to cubic meter per joule

Description

NISTgallonPerHorsepowerHourTOcubMeterPerJoule converts from gallon (U.S.) per horsepower hour [gal/(hp * h)] to cubic meter per joule (m³/J)

Usage

NISTgallonPerHorsepowerHourTOcubMeterPerJoule(gallonPerHorsepowerHour)

Arguments

gallonPerHorsepowerHour
gallon (U.S.) per horsepower hour [gal/(hp * h)]

Value

cubic meter per joule (m³/J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTgallonPerHorsepowerHourTOcubMeterPerJoule(10)

NISTgallonPerHorsepowerHourTOliterPerJoule

Convert gallon per horsepower hour to liter per joule

Description

NISTgallonPerHorsepowerHourTOliterPerJoule converts from gallon (U.S.) per horsepower hour [gal/(hp * h)] to liter per joule (L/J)

Usage

NISTgallonPerHorsepowerHourTOliterPerJoule(gallonPerHorsepowerHour)

Arguments

gallonPerHorsepowerHour
gallon (U.S.) per horsepower hour [gal/(hp * h)]

Value

liter per joule (L/J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTgallonPerHorsepowerHourTOliterPerJoule(10)

NISTgallonPerMinTOcubMeterPerSec*Convert gallon per minute to cubic meter per second*

Description

NISTgallonPerMinTOcubMeterPerSec converts from gallon (U.S.) per minute (gpm) (gal/min) to cubic meter per second (m³/s)

Usage

NISTgallonPerMinTOcubMeterPerSec(gallonPerMin)

Arguments

gallonPerMin gallon (U.S.) per minute (gpm) (gal/min)

Value

cubic meter per second (m³/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTgallonPerMinTOcubMeterPerSec(10)

NISTgallonPerMinToliterPerSec

Convert gallon per minute to liter per second

Description

NISTgallonPerMinToliterPerSec converts from gallon (U.S.) per minute (gpm) (gal/min) to liter per second (L/s)

Usage

NISTgallonPerMinToliterPerSec(gallonPerMin)

Arguments

gallonPerMin gallon (U.S.) per minute (gpm) (gal/min)

Value

liter per second (L/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTgallonPerMinToliterPerSec(10)

NISTgallonTOcubMeter *Convert gallon to cubic meter*

Description

NISTgallonTOcubMeter converts from gallon (U.S.) (gal) to cubic meter (m3)

Usage

NISTgallonTOcubMeter(gallon)

Arguments

gallon gallon (U.S.) (gal)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTgallonTOcubMeter(10)

NISTgallonToliter	<i>Convert gallon to liter</i>
-------------------	--------------------------------

Description

NISTgallonToliter converts from gallon (U.S.) (gal) to liter (L)

Usage

NISTgallonToliter(gallon)

Arguments

gallon	gallon (U.S.) (gal)
--------	---------------------

Value

liter (L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTgallonToliter(10)

NISTgalTOMeterPerSecSqr

Convert gal to meter per second squared

Description

NISTgalTOMeterPerSecSqr converts from gal (Gal) to meter per second squared (m/s²)

Usage

NISTgalTOMeterPerSecSqr(gal)

Arguments

gal gal (Gal)

Value

meter per second squared (m/s²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTgalTOMeterPerSecSqr(10)

NISTgammaTOtesla	<i>Convert gamma to tesla</i>
------------------	-------------------------------

Description

NISTgammaTOtesla converts from gamma (y) to tesla (T)

Usage

NISTgammaTOtesla(gamma)

Arguments

gamma	gamma (y)
-------	-----------

Value

tesla (T)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTgammaTOtesla(10)

NISTgaussTOtesla	<i>Convert gauss to tesla</i>
------------------	-------------------------------

Description

NISTgaussTOtesla converts from gauss (Gs, G) to tesla (T)

Usage

NISTgaussTOtesla(gauss)

Arguments

gauss	gauss (Gs, G)
-------	---------------

Value

tesla (T)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTgaussTOtesla(10)

NISTgilbertTOampere	<i>Convert gilbert to ampere</i>
---------------------	----------------------------------

Description

NISTgilbertTOampere converts from gilbert (Gi) to ampere (A)

Usage

NISTgilbertTOampere(gilbert)

Arguments

gilbert	gilbert (Gi)
---------	--------------

Value

ampere (A)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTgilbertTOampere(10)

`NISTgillImperialTOcubMeter`*Convert gill to cubic meter*

Description

NISTgillImperialTOcubMeter converts from gill [Canadian and U.K. (Imperial)] (gi) to cubic meter (m3)

Usage

```
NISTgillImperialTOcubMeter(gillImperial)
```

Arguments

`gillImperial` gill [Canadian and U.K. (Imperial)] (gi)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

```
NISTgillImperialTOcubMeter(10)
```

NISTgillImperialTOliter

Convert gill to liter

Description

NISTgillImperialTOliter converts from gill [Canadian and U.K. (Imperial)] (gi) to liter (L)

Usage

NISTgillImperialTOliter(gillImperial)

Arguments

gillImperial gill [Canadian and U.K. (Imperial)] (gi)

Value

liter (L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTgillImperialTOliter(10)

NISTgillTOcubMeter	<i>Convert gill to cubic meter</i>
--------------------	------------------------------------

Description

NISTgillTOcubMeter converts from gill (U.S.) (gi) to cubic meter (m3)

Usage

NISTgillTOcubMeter(gill)

Arguments

gill	gill (U.S.) (gi)
------	------------------

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

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Examples

NISTgillTOcubMeter(10)

NISTgillToliter	<i>Convert gill to liter</i>
-----------------	------------------------------

Description

NISTgillToliter converts from gill (U.S.) (gi) to liter (L)

Usage

NISTgillToliter(gill)

Arguments

gill	gill (U.S.) (gi)
------	------------------

Value

liter (L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTgillToliter(10)

NISTgonTOdeg	<i>Convert gon to degree</i>
--------------	------------------------------

Description

NISTgonTOdeg converts from gon (also called grade) (gon) to degree (angle) ()

Usage

NISTgonTOdeg(gon)

Arguments

gon gon (also called grade) (gon)

Value

degree (angle) ()

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTgonTOdeg(10)

NISTgonTOradian	<i>Convert gon to radian</i>
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Description

NISTgonTOradian converts from gon (also called grade) (gon) to radian (rad)

Usage

NISTgonTOradian(gon)

Arguments

gon	gon (also called grade) (gon)
-----	-------------------------------

Value

radian (rad)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTgonTOradian(10)

NISTgrainPerGallonTOkgPerCubMeter

Convert grain per gallon to kilogram per cubic meter

Description

NISTgrainPerGallonTOkgPerCubMeter converts from grain per gallon (U.S.) (gr/gal) to kilogram per cubic meter (kg/m³)

Usage

NISTgrainPerGallonTOkgPerCubMeter(grainPerGallon)

Arguments

grainPerGallon grain per gallon (U.S.) (gr/gal)

Value

kilogram per cubic meter (kg/m³)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTgrainPerGallonTOkgPerCubMeter(10)

NISTgrainPerGallonTOmilligramPerLiter

Convert grain per gallon to milligram per liter

Description

NISTgrainPerGallonTOmilligramPerLiter converts from grain per gallon (U.S.) (gr/gal) to milligram per liter (mg/L)

Usage

NISTgrainPerGallonTOmilligramPerLiter(grainPerGallon)

Arguments

grainPerGallon grain per gallon (U.S.) (gr/gal)

Value

milligram per liter (mg/L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTgrainPerGallonTOmilligramPerLiter(10)

NISTgrainTOkg	<i>Convert grain to kilogram</i>
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Description

NISTgrainTOkg converts from grain (gr) to kilogram (kg)

Usage

NISTgrainTOkg(grain)

Arguments

grain	grain (gr)
-------	------------

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTgrainTOkg(10)

NISTgrainTOMilligram *Convert grain to milligram*

Description

NISTgrainTOMilligram converts from grain (gr) to milligram (mg)

Usage

NISTgrainTOMilligram(grain)

Arguments

grain grain (gr)

Value

milligram (mg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTgrainTOMilligram(10)

`NISTgramForcePerSqrCmTOpascal`*Convert gram-force per square centimeter to pascal*

Description

`NISTgramForcePerSqrCmTOpascal` converts from gram-force per square centimeter (gf/cm²) to pascal (Pa)

Usage

`NISTgramForcePerSqrCmTOpascal(gramForcePerSqrCm)`

Arguments

`gramForcePerSqrCm`
gram-force per square centimeter (gf/cm²)

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

`NISTgramForcePerSqrCmTOpascal(10)`

NISTgramPerCubCmTOkgPerCubMeter

Convert gram per cubic centimeter to kilogram per cubic meter

Description

NISTgramPerCubCmTOkgPerCubMeter converts from gram per cubic centimeter (g/cm³) to kilogram per cubic meter (kg/m³)

Usage

NISTgramPerCubCmTOkgPerCubMeter(gramPerCubCm)

Arguments

gramPerCubCm gram per cubic centimeter (g/cm³)

Value

kilogram per cubic meter (kg/m³)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTgramPerCubCmTOkgPerCubMeter(10)

`NISTgramPerLiterTOounceImperialPerGallon`*Convert gram per liter to ounce per gallon*

Description

`NISTgramPerLiterTOounceImperialPerGallon` converts from gram per liter (g/L) to ounce (avoirdupois) per gallon [Canadian and U.K. (Imperial)] (oz/gal)

Usage

`NISTgramPerLiterTOounceImperialPerGallon(gramPerLiter)`

Arguments

`gramPerLiter` gram per liter (g/L)

Value

ounce (avoirdupois) per gallon [Canadian and U.K. (Imperial)] (oz/gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

`NISTgramPerLiterTOounceImperialPerGallon(10)`

NISTgramPerLiterTOouncePerGallon

Convert gram per liter to ounce per gallon

Description

NISTgramPerLiterTOouncePerGallon converts from gram per liter (g/L) to ounce (avoirdupois) per gallon (U.S.) (oz/gal)

Usage

NISTgramPerLiterTOouncePerGallon(gramPerLiter)

Arguments

gramPerLiter gram per liter (g/L)

Value

ounce (avoirdupois) per gallon (U.S.) (oz/gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTgramPerLiterTOouncePerGallon(10)

`NISTgramPerMeterTodenier`*Convert gram per meter to denier*

Description

NISTgramPerMeterTodenier converts from gram per meter (g/m) to denier

Usage

`NISTgramPerMeterTodenier(gramPerMeter)`

Arguments

`gramPerMeter` gram per meter (g/m)

Value

denier

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

`NISTgramPerMeterTodenier(10)`

NISTgramTOcaratSI	<i>Convert gram to carat, metric</i>
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Description

NISTgramTOcaratSI converts from gram (g) to carat, metric

Usage

NISTgramTOcaratSI(gram)

Arguments

gram	gram (g)
------	----------

Value

carat, metric

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTgramTOcaratSI(10)

NISTgramTOounceAvoirdupois

Convert gram to ounce

Description

NISTgramTOounceAvoirdupois converts from gram (g) to ounce (avoirdupois) (oz)

Usage

NISTgramTOounceAvoirdupois(gram)

Arguments

gram	gram (g)
------	----------

Value

ounce (avoirdupois) (oz)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTgramTOounceAvoirdupois(10)

NISTgramTOounceTroy *Convert gram to ounce*

Description

NISTgramTOounceTroy converts from gram (g) to ounce (troy or apothecary) (oz)

Usage

NISTgramTOounceTroy(gram)

Arguments

gram gram (g)

Value

ounce (troy or apothecary) (oz)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTgramTOounceTroy(10)

NISTgramTOpennyweight *Convert gram to pennyweight*

Description

NISTgramTOpennyweight converts from gram (g) to pennyweight (dwt)

Usage

NISTgramTOpennyweight(gram)

Arguments

gram gram (g)

Value

pennyweight (dwt)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTgramTOpennyweight(10)

NISTgramTOtonAssay	<i>Convert gram to ton, assay</i>
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Description

NISTgramTOtonAssay converts from gram (g) to ton, assay (AT)

Usage

NISTgramTOtonAssay(gram)

Arguments

gram	gram (g)
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Value

ton, assay (AT)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTgramTOtonAssay(10)

NISTgrayTOrad	<i>Convert gray to rad</i>
---------------	----------------------------

Description

NISTgrayTOrad converts from gray (Gy) to rad (absorbed dose) (rad)

Usage

NISTgrayTOrad(gray)

Arguments

gray	gray (Gy)
------	-----------

Value

rad (absorbed dose) (rad)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTgrayTOrad(10)

NISThectareTOsqrMeter *Convert hectare to square meter*

Description

NISThectareTOsqrMeter converts from hectare (ha) to square meter (m2)

Usage

NISThectareTOsqrMeter(hectare)

Arguments

hectare hectare (ha)

Value

square meter (m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISThectareTOsqrMeter(10)

NISThenryTOabhenry	<i>Convert henry to abhenry</i>
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Description

NISThenryTOabhenry converts from henry (H) to abhenry

Usage

NISThenryTOabhenry(henry)

Arguments

henry	henry (H)
-------	-----------

Value

abhenry

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISThenryTOabhenry(10)

NISThenryToEMUOfInductance

Convert henry to EMU of inductance

Description

NISThenryToEMUOfInductance converts from henry (H) to EMU of inductance (abhenry)

Usage

NISThenryToEMUOfInductance(henry)

Arguments

henry	henry (H)
-------	-----------

Value

EMU of inductance (abhenry)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISThenryToEMUOfInductance(10)

NISThenryToESUOfInductance

Convert henry to ESU of inductance

Description

NISThenryToESUOfInductance converts from henry (H) to ESU of inductance (stathenry)

Usage

NISThenryToESUOfInductance(henry)

Arguments

henry henry (H)

Value

ESU of inductance (stathenry)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISThenryToESUOfInductance(10)

NISThenryTOstathenry *Convert henry to stathenry*

Description

NISThenryTOstathenry converts from henry (H) to stathenry

Usage

NISThenryTOstathenry(henry)

Arguments

henry henry (H)

Value

stathenry

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISThenryTOstathenry(10)

NISThorsepowerBoilerTOwatt

Convert horsepower to watt

Description

NISThorsepowerBoilerTOwatt converts from horsepower (boiler) to watt (W)

Usage

NISThorsepowerBoilerTOwatt(horsepowerBoiler)

Arguments

horsepowerBoiler
horsepower (boiler)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISThorsepowerBoilerTOwatt(10)

NISThorsepowerElectricTOwatt

Convert horsepower to watt

Description

NISThorsepowerElectricTOwatt converts from horsepower (electric) to watt (W)

Usage

NISThorsepowerElectricTOwatt(horsepowerElectric)

Arguments

horsepowerElectric
horsepower (electric)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISThorsepowerElectricTOwatt(10)

NISThorsepowerImperialTOwatt
Convert horsepower to watt

Description

NISThorsepowerImperialTOwatt converts from horsepower (U.K.) to watt (W)

Usage

NISThorsepowerImperialTOwatt(horsepowerImperial)

Arguments

horsepowerImperial
horsepower (U.K.)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISThorsepowerImperialTOwatt(10)

NISThorsepowerSItoWatt

Convert horsepower to watt

Description

NISThorsepowerSItoWatt converts from horsepower (metric) to watt (W)

Usage

NISThorsepowerSItoWatt(horsepowerSI)

Arguments

horsepowerSI horsepower (metric)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISThorsepowerSItoWatt(10)

NISThorsepowerTOwatt *Convert horsepower to watt*

Description

NISThorsepowerTOwatt converts from horsepower (550 ft * lbf/s) (hp) to watt (W)

Usage

NISThorsepowerTOwatt(horsepower)

Arguments

horsepower horsepower (550 ft * lbf/s) (hp)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISThorsepowerTOwatt(10)

NISThorsepowerWaterTOwatt

Convert horsepower to watt

Description

NISThorsepowerWaterTOwatt converts from horsepower (water) to watt (W)

Usage

NISThorsepowerWaterTOwatt(horsepowerWater)

Arguments

horsepowerWater
horsepower (water)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISThorsepowerWaterTOwatt(10)

NISThourSiderealTOsec *Convert hour to second*

Description

NISThourSiderealTOsec converts from hour (sidereal) to second (s)

Usage

NISThourSiderealTOsec(hourSidereal)

Arguments

hourSidereal hour (sidereal)

Value

second (s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISThourSiderealTOsec(10)

NISThourTOsec	<i>Convert hour to second</i>
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Description

NISThourTOsec converts from hour (h) to second (s)

Usage

NISThourTOsec(hour)

Arguments

hour	hour (h)
------	----------

Value

second (s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISThourTOsec(10)

NISThundredweightLongTOkg

Convert hundredweight to kilogram

Description

NISThundredweightLongTOkg converts from hundredweight (long, 112 lb) to kilogram (kg)

Usage

NISThundredweightLongTOkg(hundredweightLong)

Arguments

hundredweightLong
hundredweight (long, 112 lb)

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISThundredweightLongTOkg(10)

NISThundredweightShortTOkg

Convert hundredweight to kilogram

Description

NISThundredweightShortTOkg converts from hundredweight (short, 100 lb) to kilogram (kg)

Usage

NISThundredweightShortTOkg(hundredweightShort)

Arguments

hundredweightShort
hundredweight (short, 100 lb)

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISThundredweightShortTOkg(10)

NISTinch4thPowerTOMeter4thPower

Convert inch to the fourth power 16 to meter to the fourth power

Description

NISTinch4thPowerTOMeter4thPower converts from inch to the fourth power (in4) 16 to meter to the fourth power (m4)

Usage

NISTinch4thPowerTOMeter4thPower(inch4thPower)

Arguments

inch4thPower inch to the fourth power (in4) 16

Value

meter to the fourth power (m4)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTinch4thPowerTOMeter4thPower(10)

NISTInchOfMercury32Ft0kpasca1

Convert inch of mercury 12 to kilopascal

Description

NISTInchOfMercury32Ft0kpasca1 converts from inch of mercury (32 F) 12 to kilopascal (kPa)

Usage

NISTInchOfMercury32Ft0kpasca1(inchOfMercury32F)

Arguments

inchOfMercury32F

inch of mercury (32 F) 12

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTInchOfMercury32Ft0kpasca1(10)

`NISTInchOfMercury32FtOpascal`*Convert inch of mercury 12 to pascal*

Description

NISTInchOfMercury32FtOpascal converts from inch of mercury (32 F) 12 to pascal (Pa)

Usage

NISTInchOfMercury32FtOpascal(inchOfMercury32F)

Arguments

inchOfMercury32F
inch of mercury (32 F) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTInchOfMercury32FtOpascal(10)

NISTInchOfMercury60Ft0kPascal

Convert inch of mercury 12 to kilopascal

Description

NISTInchOfMercury60Ft0kPascal converts from inch of mercury (60 F) 12 to kilopascal (kPa)

Usage

NISTInchOfMercury60Ft0kPascal(inchOfMercury60F)

Arguments

inchOfMercury60F

inch of mercury (60 F) 12

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTInchOfMercury60Ft0kPascal(10)

`NISTInchOfMercury60FtOpascal`*Convert inch of mercury 12 to pascal*

Description

NISTInchOfMercury60FtOpascal converts from inch of mercury (60 F) 12 to pascal (Pa)

Usage

NISTInchOfMercury60FtOpascal(inchOfMercury60F)

Arguments

inchOfMercury60F
inch of mercury (60 F) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTInchOfMercury60FtOpascal(10)

NISTInchOfMercuryConvtnlTOkpascal

Convert inch of mercury, conventional 12 to kilopascal

Description

NISTInchOfMercuryConvtnlTOkpascal converts from inch of mercury, conventional (inHg) 12 to kilopascal (kPa)

Usage

NISTInchOfMercuryConvtnlTOkpascal(inchOfMercuryConvtnl)

Arguments

inchOfMercuryConvtnl
inch of mercury, conventional (inHg) 12

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTInchOfMercuryConvtnlTOkpascal(10)

NISTInchOfMercuryConvtnlTOpascal

Convert inch of mercury, conventional 12 to pascal

Description

NISTInchOfMercuryConvtnlTOpascal converts from inch of mercury, conventional (inHg) 12 to pascal (Pa)

Usage

NISTInchOfMercuryConvtnlTOpascal(inchOfMercuryConvtnl)

Arguments

inchOfMercuryConvtnl
inch of mercury, conventional (inHg) 12

Value

pascal (Pa)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTInchOfMercuryConvtnlTOpascal(10)

NISTInchOfWater39.2FtOpascal

Convert inch of water 12 to pascal

Description

NISTInchOfWater39.2FtOpascal converts from inch of water (39.2 F) 12 to pascal (Pa)

Usage

NISTInchOfWater39.2FtOpascal(inchOfWater39.2F)

Arguments

inchOfWater39.2F

inch of water (39.2 F) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTInchOfWater39.2FtOpascal(10)

`NISTInchOfWater60FtOpascal`*Convert inch of water 12 to pascal*

Description

`NISTInchOfWater60FtOpascal` converts from inch of water (60 F) 12 to pascal (Pa)

Usage

`NISTInchOfWater60FtOpascal(inchOfWater60F)`

Arguments

`inchOfWater60F` inch of water (60 F) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

`NISTInchOfWater60FtOpascal(10)`

NISTInchOfWaterConvtnlTOpascal

Convert inch of water, conventional 12 to pascal

Description

NISTInchOfWaterConvtnlTOpascal converts from inch of water, conventional (inH2O) 12 to pascal (Pa)

Usage

NISTInchOfWaterConvtnlTOpascal(inchOfWaterConvtnl)

Arguments

inchOfWaterConvtnl
inch of water, conventional (inH2O) 12

Value

pascal (Pa)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTInchOfWaterConvtnlTOpascal(10)

NISTInchPerSecSqrDTOMeterPerSecSqrD

Convert inch per second squared to meter per second squared

Description

NISTInchPerSecSqrDTOMeterPerSecSqrD converts from inch per second squared (in/s²) to meter per second squared (m/s²)

Usage

NISTInchPerSecSqrDTOMeterPerSecSqrD(inchPerSecSqrD)

Arguments

inchPerSecSqrD inch per second squared (in/s²)

Value

meter per second squared (m/s²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTInchPerSecSqrDTOMeterPerSecSqrD(10)

NISTinchPerSecTOMeterPerSec

Convert inch per second to meter per second

Description

NISTinchPerSecTOMeterPerSec converts from inch per second (in/s) to meter per second (m/s)

Usage

NISTinchPerSecTOMeterPerSec(inchPerSec)

Arguments

inchPerSec inch per second (in/s)

Value

meter per second (m/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTinchPerSecTOMeterPerSec(10)

NISTinchTOcm	<i>Convert inch to centimeter</i>
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Description

NISTinchTOcm converts from inch (in) to centimeter (cm)

Usage

NISTinchTOcm(inch)

Arguments

inch	inch (in)
------	-----------

Value

centimeter (cm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTinchTOcm(10)

NISTinchTOMeter	<i>Convert inch to meter</i>
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Description

NISTinchTOMeter converts from inch (in) to meter (m)

Usage

NISTinchTOMeter(inch)

Arguments

inch	inch (in)
------	-----------

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTinchTOMeter(10)

NISTjoulePerCubMeterTOukThUnITPerCubFt

Convert joule per cubic meter to British thermal unitIT per cubic foot

Description

NISTjoulePerCubMeterTOukThUnITPerCubFt converts from joule per cubic meter (J/m³) to British thermal unitIT per cubic foot (BtuIT/ft³)

Usage

NISTjoulePerCubMeterTOukThUnITPerCubFt(joulePerCubMeter)

Arguments

joulePerCubMeter
joule per cubic meter (J/m³)

Value

British thermal unitIT per cubic foot (BtuIT/ft³)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTjoulePerCubMeterTOukThUnITPerCubFt(10)

NISTjoulePerCubMeterTOukThUnthPerCubFt

Convert joule per cubic meter to British thermal unitth per cubic foot

Description

NISTjoulePerCubMeterTOukThUnthPerCubFt converts from joule per cubic meter (J/m³) to British thermal unitth per cubic foot (Btuth/ft³)

Usage

NISTjoulePerCubMeterTOukThUnthPerCubFt(joulePerCubMeter)

Arguments

joulePerCubMeter
joule per cubic meter (J/m³)

Value

British thermal unitth per cubic foot (Btuth/ft³)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTjoulePerCubMeterTOukThUnthPerCubFt(10)

NISTjoulePerKgKtOcalITPerGramDegC

Convert joule per kilogram kelvin to calorieIT per gram degree Celsius

Description

NISTjoulePerKgKtOcalITPerGramDegC converts from joule per kilogram kelvin [$\text{J}/(\text{kg} \cdot \text{K})$] to calorieIT per gram degree Celsius [$\text{calIT}/(\text{g} \cdot \text{C})$]

Usage

NISTjoulePerKgKtOcalITPerGramDegC(joulePerKgK)

Arguments

joulePerKgK joule per kilogram kelvin [$\text{J}/(\text{kg} \cdot \text{K})$]

Value

calorieIT per gram degree Celsius [$\text{calIT}/(\text{g} \cdot \text{C})$]

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjoulePerKgKtOcalITPerGramDegC(10)

NISTjoulePerKgKtOcalITPerGramK

Convert joule per kilogram kelvin to calorieIT per gram kelvin

Description

NISTjoulePerKgKtOcalITPerGramK converts from joule per kilogram kelvin [J/(kg * K)] to calorieIT per gram kelvin [calIT/(g * K)]

Usage

NISTjoulePerKgKtOcalITPerGramK(joulePerKgK)

Arguments

joulePerKgK joule per kilogram kelvin [J/(kg * K)]

Value

calorieIT per gram kelvin [calIT/(g * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjoulePerKgKtOcalITPerGramK(10)

NISTjoulePerKgKtOcalthPerGramDegC*Convert joule per kilogram kelvin to calorieth per gram degree Celsius*

Description

NISTjoulePerKgKtOcalthPerGramDegC converts from joule per kilogram kelvin [$\text{J}/(\text{kg} * \text{K})$] to calorieth per gram degree Celsius [$\text{calth}/(\text{g} * \text{C})$]

Usage

NISTjoulePerKgKtOcalthPerGramDegC(joulePerKgK)

Arguments

joulePerKgK joule per kilogram kelvin [$\text{J}/(\text{kg} * \text{K})$]

Value

calorieth per gram degree Celsius [$\text{calth}/(\text{g} * \text{C})$]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjoulePerKgKtOcalthPerGramDegC(10)

NISTjoulePerKgKtOcalthPerGramK

Convert joule per kilogram kelvin to calorieth per gram kelvin

Description

NISTjoulePerKgKtOcalthPerGramK converts from joule per kilogram kelvin [J/(kg * K)] to calorieth per gram kelvin [calth/(g* K)]

Usage

NISTjoulePerKgKtOcalthPerGramK(joulePerKgK)

Arguments

joulePerKgK joule per kilogram kelvin [J/(kg * K)]

Value

calorieth per gram kelvin [calth/(g* K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjoulePerKgKtOcalthPerGramK(10)

NISTjoulePerKgKtOukThUnITPerPoundDegF

Convert joule per kilogram kelvin to British thermal unitIT per pound degree Fahrenheit

Description

NISTjoulePerKgKtOukThUnITPerPoundDegF converts from joule per kilogram kelvin [J/(kg * K)] to British thermal unitIT per pound degree Fahrenheit [BtuIT/(lb * F)]

Usage

NISTjoulePerKgKtOukThUnITPerPoundDegF(joulePerKgK)

Arguments

joulePerKgK joule per kilogram kelvin [J/(kg * K)]

Value

British thermal unitIT per pound degree Fahrenheit [BtuIT/(lb * F)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTjoulePerKgKtOukThUnITPerPoundDegF(10)

NISTjoulePerKgKtOukThUnITPerPoundDegRankine

Convert joule per kilogram kelvin to British thermal unitIT per pound degree Rankine

Description

NISTjoulePerKgKtOukThUnITPerPoundDegRankine converts from joule per kilogram kelvin [$\text{J}/(\text{kg} * \text{K})$] to British thermal unitIT per pound degree Rankine [$\text{BtuIT}/(\text{lb} * \text{R})$]

Usage

NISTjoulePerKgKtOukThUnITPerPoundDegRankine(joulePerKgK)

Arguments

joulePerKgK joule per kilogram kelvin [$\text{J}/(\text{kg} * \text{K})$]

Value

British thermal unitIT per pound degree Rankine [$\text{BtuIT}/(\text{lb} * \text{R})$]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTjoulePerKgKtOukThUnITPerPoundDegRankine(10)

NISTjoulePerKgKtOukThUnthPerPoundDegF

Convert joule per kilogram kelvin to British thermal unitth per pound degree Fahrenheit

Description

NISTjoulePerKgKtOukThUnthPerPoundDegF converts from joule per kilogram kelvin [J/(kg * K)] to British thermal unitth per pound degree Fahrenheit [Btuth/(lb * F)]

Usage

NISTjoulePerKgKtOukThUnthPerPoundDegF(joulePerKgK)

Arguments

joulePerKgK joule per kilogram kelvin [J/(kg * K)]

Value

British thermal unitth per pound degree Fahrenheit [Btuth/(lb * F)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjoulePerKgKtOukThUnthPerPoundDegF(10)

NISTjoulePerKgKtOukThUnthPerPoundDegRankine

Convert joule per kilogram kelvin to British thermal unitth per pound degree Rankine

Description

NISTjoulePerKgKtOukThUnthPerPoundDegRankine converts from joule per kilogram kelvin [J/(kg * K)] to British thermal unitth per pound degree Rankine [Btuth/(lb * R)]

Usage

NISTjoulePerKgKtOukThUnthPerPoundDegRankine(joulePerKgK)

Arguments

joulePerKgK joule per kilogram kelvin [J/(kg * K)]

Value

British thermal unitth per pound degree Rankine [Btuth/(lb * R)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTjoulePerKgKtOukThUnthPerPoundDegRankine(10)

`NISTjoulePerKgTOcalITPerGram`*Convert joule per kilogram to calorieIT per gram*

Description

NISTjoulePerKgTOcalITPerGram converts from joule per kilogram (J/kg) to calorieIT per gram (calIT/g)

Usage

NISTjoulePerKgTOcalITPerGram(joulePerKg)

Arguments

joulePerKg joule per kilogram (J/kg)

Value

calorieIT per gram (calIT/g)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTjoulePerKgTOcalITPerGram(10)

NISTjoulePerKgTOcalthPerGram

Convert joule per kilogram to calorieth per gram

Description

NISTjoulePerKgTOcalthPerGram converts from joule per kilogram (J/kg) to calorieth per gram (calth/g)

Usage

NISTjoulePerKgTOcalthPerGram(joulePerKg)

Arguments

joulePerKg joule per kilogram (J/kg)

Value

calorieth per gram (calth/g)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTjoulePerKgTOcalthPerGram(10)

NISTjoulePerKgTOukThUnITPerPound*Convert joule per kilogram to British thermal unitIT per pound*

Description

NISTjoulePerKgTOukThUnITPerPound converts from joule per kilogram (J/kg) to British thermal unitIT per pound (BtuIT/lb)

Usage

NISTjoulePerKgTOukThUnITPerPound(joulePerKg)

Arguments

joulePerKg joule per kilogram (J/kg)

Value

British thermal unitIT per pound (BtuIT/lb)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTjoulePerKgTOukThUnITPerPound(10)

NISTjoulePerKgTOukThUnthPerPound

Convert joule per kilogram to British thermal unitth per pound

Description

NISTjoulePerKgTOukThUnthPerPound converts from joule per kilogram (J/kg) to British thermal unitth per pound (Btuth/lb)

Usage

NISTjoulePerKgTOukThUnthPerPound(joulePerKg)

Arguments

joulePerKg joule per kilogram (J/kg)

Value

British thermal unitth per pound (Btuth/lb)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjoulePerKgTOukThUnthPerPound(10)

NISTjoulePerKtOukThUnITPerDegF

Convert joule per kelvin to British thermal unitIT per degree Fahrenheit

Description

NISTjoulePerKtOukThUnITPerDegF converts from joule per kelvin (J/K) to British thermal unitIT per degree Fahrenheit (BtuIT/F)

Usage

NISTjoulePerKtOukThUnITPerDegF(joulePerK)

Arguments

joulePerK joule per kelvin (J/K)

Value

British thermal unitIT per degree Fahrenheit (BtuIT/F)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTjoulePerKtOukThUnITPerDegF(10)

NISTjoulePerKtOukThUnITPerDegRankine

Convert joule per kelvin to British thermal unitIT per degree Rankine

Description

NISTjoulePerKtOukThUnITPerDegRankine converts from joule per kelvin (J/K) to British thermal unitIT per degree Rankine (BtuIT/R)

Usage

NISTjoulePerKtOukThUnITPerDegRankine(joulePerK)

Arguments

joulePerK joule per kelvin (J/K)

Value

British thermal unitIT per degree Rankine (BtuIT/R)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjoulePerKtOukThUnITPerDegRankine(10)

NISTjoulePerKtOukThUnthPerDegF

Convert joule per kelvin to British thermal unitth per degree Fahrenheit

Description

NISTjoulePerKtOukThUnthPerDegF converts from joule per kelvin (J/K) to British thermal unitth per degree Fahrenheit (Btuth/F)

Usage

NISTjoulePerKtOukThUnthPerDegF(joulePerK)

Arguments

joulePerK joule per kelvin (J/K)

Value

British thermal unitth per degree Fahrenheit (Btuth/F)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjoulePerKtOukThUnthPerDegF(10)

NISTjoulePerKtOukThUnthPerDegRankine

Convert joule per kelvin to British thermal unitth per degree Rankine

Description

NISTjoulePerKtOukThUnthPerDegRankine converts from joule per kelvin (J/K) to British thermal unitth per degree Rankine (Btuth/R)

Usage

NISTjoulePerKtOukThUnthPerDegRankine(joulePerK)

Arguments

joulePerK joule per kelvin (J/K)

Value

British thermal unitth per degree Rankine (Btuth/R)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjoulePerKtOukThUnthPerDegRankine(10)

`NISTjoulePerSqrMeterTOcalthPerSqrCm`*Convert joule per square meter to calorieth per square centimeter*

Description

NISTjoulePerSqrMeterTOcalthPerSqrCm converts from joule per square meter (J/m²) to calorieth per square centimeter (calth/cm²)

Usage

```
NISTjoulePerSqrMeterTOcalthPerSqrCm(joulePerSqrMeter)
```

Arguments

```
joulePerSqrMeter  
joule per square meter (J/m2)
```

Value

calorieth per square centimeter (calth/cm²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
NISTjoulePerSqrMeterTOcalthPerSqrCm(10)
```

NISTjoulePerSqrMeterTOlangley

Convert joule per square meter to langley

Description

NISTjoulePerSqrMeterTOlangley converts from joule per square meter (J/m²) to langley (calth/cm²)

Usage

NISTjoulePerSqrMeterTOlangley(joulePerSqrMeter)

Arguments

joulePerSqrMeter
joule per square meter (J/m²)

Value

langley (calth/cm²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjoulePerSqrMeterTOlangley(10)

NISTjoulePerSqrMeterTOukThUnITPerSqrFt

Convert joule per square meter to British thermal unitIT per square foot

Description

NISTjoulePerSqrMeterTOukThUnITPerSqrFt converts from joule per square meter (J/m²) to British thermal unitIT per square foot (BtuIT/ft²)

Usage

NISTjoulePerSqrMeterTOukThUnITPerSqrFt(joulePerSqrMeter)

Arguments

joulePerSqrMeter
joule per square meter (J/m²)

Value

British thermal unitIT per square foot (BtuIT/ft²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjoulePerSqrMeterTOukThUnITPerSqrFt(10)

NISTjoulePerSqrMeterTOukThUnthPerSqrFt

Convert joule per square meter to British thermal unitth per square foot

Description

NISTjoulePerSqrMeterTOukThUnthPerSqrFt converts from joule per square meter (J/m2) to British thermal unitth per square foot (Btuth/ft2)

Usage

NISTjoulePerSqrMeterTOukThUnthPerSqrFt(joulePerSqrMeter)

Arguments

joulePerSqrMeter
joule per square meter (J/m2)

Value

British thermal unitth per square foot (Btuth/ft2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjoulePerSqrMeterTOukThUnthPerSqrFt(10)

NISTjouleTOcal	<i>Convert joule to calorie</i>
----------------	---------------------------------

Description

NISTjouleTOcal converts from joule (J) to calorie (cal) (mean)

Usage

NISTjouleTOcal(joule)

Arguments

joule	joule (J)
-------	-----------

Value

calorie (cal) (mean)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjouleTOcal(10)

NISTjouleTOcal15C	<i>Convert joule to calorie</i>
-------------------	---------------------------------

Description

NISTjouleTOcal15C converts from joule (J) to calorie (15 C) (cal15)

Usage

NISTjouleTOcal15C(joule)

Arguments

joule	joule (J)
-------	-----------

Value

calorie (15 C) (cal15)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjouleTOcal15C(10)

NISTjouleTOcal20C	<i>Convert joule to calorie</i>
-------------------	---------------------------------

Description

NISTjouleTOcal20C converts from joule (J) to calorie (20 C) (cal20)

Usage

NISTjouleTOcal20C(joule)

Arguments

joule	joule (J)
-------	-----------

Value

calorie (20 C) (cal20)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjouleTOcal20C(10)

NISTjouleTOcalIT	<i>Convert joule to calorieIT 10</i>
------------------	--------------------------------------

Description

NISTjouleTOcalIT converts from joule (J) to calorieIT (calIT) 10

Usage

NISTjouleTOcalIT(joule)

Arguments

joule	joule (J)
-------	-----------

Value

calorieIT (calIT) 10

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjouleTOcalIT(10)

NISTjouleTOcalITKg	<i>Convert joule to calorieIT, kilogram 11</i>
--------------------	--

Description

NISTjouleTOcalITKg converts from joule (J) to calorieIT, kilogram (nutrition) 11

Usage

NISTjouleTOcalITKg(joule)

Arguments

joule	joule (J)
-------	-----------

Value

calorieIT, kilogram (nutrition) 11

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjouleTOcalITKg(10)

NISTjouleTOcalKg	<i>Convert joule to calorie , kilogram 11</i>
------------------	---

Description

NISTjouleTOcalKg converts from joule (J) to calorie (mean), kilogram (nutrition) 11

Usage

NISTjouleTOcalKg(joule)

Arguments

joule	joule (J)
-------	-----------

Value

calorie (mean), kilogram (nutrition) 11

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjouleTOcalKg(10)

NISTjouleTOcalth	<i>Convert joule to calorieth 10</i>
------------------	--------------------------------------

Description

NISTjouleTOcalth converts from joule (J) to calorieth (calth) 10

Usage

NISTjouleTOcalth(joule)

Arguments

joule	joule (J)
-------	-----------

Value

calorieth (calth) 10

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjouleTOcalth(10)

NISTjouleTOcalthKg	<i>Convert joule to calorieth , kilogram 11</i>
--------------------	---

Description

NISTjouleTOcalthKg converts from joule (J) to calorieth , kilogram (nutrition) 11

Usage

NISTjouleTOcalthKg(joule)

Arguments

joule	joule (J)
-------	-----------

Value

calorieth , kilogram (nutrition) 11

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjouleTOcalthKg(10)

`NISTjouleTOelectronvolt`*Convert joule to electronvolt*

Description

NISTjouleTOelectronvolt converts from joule (J) to electronvolt (eV)

Usage

```
NISTjouleTOelectronvolt(joule)
```

Arguments

joule	joule (J)
-------	-----------

Value

electronvolt (eV)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
NISTjouleTOelectronvolt(10)
```

NISTjouleTOerg	<i>Convert joule to erg</i>
----------------	-----------------------------

Description

NISTjouleTOerg converts from joule (J) to erg (erg)

Usage

NISTjouleTOerg(joule)

Arguments

joule	joule (J)
-------	-----------

Value

erg (erg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjouleTOerg(10)

NISTjouleTOftPoundal *Convert joule to foot poundal*

Description

NISTjouleTOftPoundal converts from joule (J) to foot poundal

Usage

NISTjouleTOftPoundal(joule)

Arguments

joule joule (J)

Value

foot poundal

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjouleTOftPoundal(10)

NISTjouleTOftPoundForce

Convert joule to foot pound-force

Description

NISTjouleTOftPoundForce converts from joule (J) to foot pound-force (ft * lbf)

Usage

NISTjouleTOftPoundForce(joule)

Arguments

joule	joule (J)
-------	-----------

Value

foot pound-force (ft * lbf)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjouleTOftPoundForce(10)

NISTjouleTOkilocal	<i>Convert joule to kilocalorie</i>
--------------------	-------------------------------------

Description

NISTjouleTOkilocal converts from joule (J) to kilocalorie (mean) (kcal)

Usage

NISTjouleTOkilocal(joule)

Arguments

joule	joule (J)
-------	-----------

Value

kilocalorie (mean) (kcal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjouleTOkilocal(10)

NISTjouleTOkilocalIT *Convert joule to kilocalorieIT*

Description

NISTjouleTOkilocalIT converts from joule (J) to kilocalorieIT (kcalIT)

Usage

NISTjouleTOkilocalIT(joule)

Arguments

joule joule (J)

Value

kilocalorieIT (kcalIT)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjouleTOkilocalIT(10)

NISTjouleTOkilocalth *Convert joule to kilocalorieth*

Description

NISTjouleTOkilocalth converts from joule (J) to kilocalorieth (kcalth)

Usage

NISTjouleTOkilocalth(joule)

Arguments

joule joule (J)

Value

kilocalorieth (kcalth)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjouleTOkilocalth(10)

NISTjouleTOkilowattHour

Convert joule to kilowatt hour

Description

NISTjouleTOkilowattHour converts from joule (J) to kilowatt hour (kW * h)

Usage

NISTjouleTOkilowattHour(joule)

Arguments

joule joule (J)

Value

kilowatt hour (kW * h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjouleTOkilowattHour(10)

NISTjouleTOquad	<i>Convert joule to quad 11</i>
-----------------	---------------------------------

Description

NISTjouleTOquad converts from joule (J) to quad (1015 BtuIT) 11

Usage

NISTjouleTOquad(joule)

Arguments

joule	joule (J)
-------	-----------

Value

quad (1015 BtuIT) 11

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjouleTOquad(10)

NISTjouleTOthermEC	<i>Convert joule to therm 24</i>
--------------------	----------------------------------

Description

NISTjouleTOthermEC converts from joule (J) to therm (EC) 24

Usage

NISTjouleTOthermEC(joule)

Arguments

joule	joule (J)
-------	-----------

Value

therm (EC) 24

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjouleTOthermEC(10)

NISTjouleTOthermUS	<i>Convert joule to therm 24</i>
--------------------	----------------------------------

Description

NISTjouleTOthermUS converts from joule (J) to therm (U.S.) 24

Usage

NISTjouleTOthermUS(joule)

Arguments

joule	joule (J)
-------	-----------

Value

therm (U.S.) 24

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjouleTOthermUS(10)

NISTjouleTOtonOfTNT *Convert joule to ton of TNT 25*

Description

NISTjouleTOtonOfTNT converts from joule (J) to ton of TNT (energy equivalent) 25

Usage

NISTjouleTOtonOfTNT(joule)

Arguments

joule joule (J)

Value

ton of TNT (energy equivalent) 25

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjouleTOtonOfTNT(10)

NISTjouleTOukThUn	<i>Convert joule to British thermal unit</i>
-------------------	--

Description

NISTjouleTOukThUn converts from joule (J) to British thermal unit (mean) (Btu)

Usage

NISTjouleTOukThUn(joule)

Arguments

joule	joule (J)
-------	-----------

Value

British thermal unit (mean) (Btu)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjouleTOukThUn(10)

NISTjouleTOukThUn39F *Convert joule to British thermal unit*

Description

NISTjouleTOukThUn39F converts from joule (J) to British thermal unit (39 F) (Btu)

Usage

NISTjouleTOukThUn39F(joule)

Arguments

joule joule (J)

Value

British thermal unit (39 F) (Btu)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjouleTOukThUn39F(10)

NISTjouleTOukThUn59F *Convert joule to British thermal unit*

Description

NISTjouleTOukThUn59F converts from joule (J) to British thermal unit (59 F) (Btu)

Usage

NISTjouleTOukThUn59F(joule)

Arguments

joule joule (J)

Value

British thermal unit (59 F) (Btu)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTjouleTOukThUn59F(10)

NISTjouleTOukThUn60F *Convert joule to British thermal unit*

Description

NISTjouleTOukThUn60F converts from joule (J) to British thermal unit (60 F) (Btu)

Usage

NISTjouleTOukThUn60F(joule)

Arguments

joule joule (J)

Value

British thermal unit (60 F) (Btu)

Author(s)

Jose Gama

Source

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References

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Examples

NISTjouleTOukThUn60F(10)

NISTjouleTOukThUnIT *Convert joule to British thermal unitIT 9*

Description

NISTjouleTOukThUnIT converts from joule (J) to British thermal unitIT (BtuIT) 9

Usage

NISTjouleTOukThUnIT(joule)

Arguments

joule joule (J)

Value

British thermal unitIT (BtuIT) 9

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTjouleTOukThUnIT(10)

NISTjouleTOukThUnth *Convert joule to British thermal unitth 9*

Description

NISTjouleTOukThUnth converts from joule (J) to British thermal unitth (Btuth) 9

Usage

NISTjouleTOukThUnth(joule)

Arguments

joule joule (J)

Value

British thermal unitth (Btuth) 9

Author(s)

Jose Gama

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References

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Examples

NISTjouleTOukThUnth(10)

NISTjouleTOwattHour	<i>Convert joule to watt hour</i>
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Description

NISTjouleTOwattHour converts from joule (J) to watt hour (W * h)

Usage

NISTjouleTOwattHour(joule)

Arguments

joule	joule (J)
-------	-----------

Value

watt hour (W * h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTjouleTOwattHour(10)

NISTjouleTOwattSec	<i>Convert joule to watt second</i>
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Description

NISTjouleTOwattSec converts from joule (J) to watt second (W * s)

Usage

NISTjouleTOwattSec(joule)

Arguments

joule	joule (J)
-------	-----------

Value

watt second (W * s)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTjouleTOwattSec(10)

NISTkayserTOreciprocalMeter

Convert kayser to reciprocal meter

Description

NISTkayserTOreciprocalMeter converts from kayser (K) to reciprocal meter (m-1)

Usage

NISTkayserTOreciprocalMeter(kayser)

Arguments

kayser kayser (K)

Value

reciprocal meter (m-1)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTkayserTOreciprocalMeter(10)

NISTkgForceMeterTONewtonMeter

Convert kilogram-force meter to newton meter

Description

NISTkgForceMeterTONewtonMeter converts from kilogram-force meter ($\text{kgf} \cdot \text{m}$) to newton meter ($\text{N} \cdot \text{m}$)

Usage

NISTkgForceMeterTONewtonMeter(kgForceMeter)

Arguments

kgForceMeter kilogram-force meter ($\text{kgf} \cdot \text{m}$)

Value

newton meter ($\text{N} \cdot \text{m}$)

Author(s)

Jose Gama

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Examples

NISTkgForceMeterTONewtonMeter(10)

`NISTkgForcePerSqrCmTOkpasca1`*Convert kilogram-force per square centimeter to kilopascal*

Description

`NISTkgForcePerSqrCmTOkpasca1` converts from kilogram-force per square centimeter (kgf/cm²) to kilopascal (kPa)

Usage

`NISTkgForcePerSqrCmTOkpasca1(kgForcePerSqrCm)`

Arguments

`kgForcePerSqrCm`

kilogram-force per square centimeter (kgf/cm²)

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

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References

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Examples

`NISTkgForcePerSqrCmTOkpasca1(10)`

NISTkgForcePerSqrCmTOpascal

Convert kilogram-force per square centimeter to pascal

Description

NISTkgForcePerSqrCmTOpascal converts from kilogram-force per square centimeter (kgf/cm²) to pascal (Pa)

Usage

NISTkgForcePerSqrCmTOpascal(kgForcePerSqrCm)

Arguments

kgForcePerSqrCm

kilogram-force per square centimeter (kgf/cm²)

Value

pascal (Pa)

Author(s)

Jose Gama

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Examples

NISTkgForcePerSqrCmTOpascal(10)

`NISTkgForcePerSqrMeterTOpascal`*Convert kilogram-force per square meter to pascal*

Description

`NISTkgForcePerSqrMeterTOpascal` converts from kilogram-force per square meter (kgf/m²) to pascal (Pa)

Usage

`NISTkgForcePerSqrMeterTOpascal(kgForcePerSqrMeter)`

Arguments

`kgForcePerSqrMeter`
kilogram-force per square meter (kgf/m²)

Value

pascal (Pa)

Author(s)

Jose Gama

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Examples

`NISTkgForcePerSqrMeterTOpascal(10)`

NISTkgForcePerSqrMillimeterTOmpascal

Convert kilogram-force per square millimeter to megapascal

Description

NISTkgForcePerSqrMillimeterTOmpascal converts from kilogram-force per square millimeter (kgf/mm²) to megapascal (MPa)

Usage

NISTkgForcePerSqrMillimeterTOmpascal(kgForcePerSqrMillimeter)

Arguments

kgForcePerSqrMillimeter

kilogram-force per square millimeter (kgf/mm²)

Value

megapascal (MPa)

Author(s)

Jose Gama

Source

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References

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Examples

NISTkgForcePerSqrMillimeterTOmpascal(10)

`NISTkgForcePerSqrMillimeterTOpascal`*Convert kilogram-force per square millimeter to pascal*

Description

`NISTkgForcePerSqrMillimeterTOpascal` converts from kilogram-force per square millimeter (kgf/mm²) to pascal (Pa)

Usage

`NISTkgForcePerSqrMillimeterTOpascal(kgForcePerSqrMillimeter)`

Arguments

`kgForcePerSqrMillimeter`

kilogram-force per square millimeter (kgf/mm²)

Value

pascal (Pa)

Author(s)

Jose Gama

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References

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Examples

`NISTkgForcePerSqrMillimeterTOpascal(10)`

NISTkgForceSecSqrPerMeterTOkg

Convert kilogram-force second squared per meter to kilogram

Description

NISTkgForceSecSqrPerMeterTOkg converts from kilogram-force second squared per meter (kgf * s²/m) to kilogram (kg)

Usage

NISTkgForceSecSqrPerMeterTOkg(kgForceSecSqrPerMeter)

Arguments

kgForceSecSqrPerMeter

kilogram-force second squared per meter (kgf * s²/m)

Value

kilogram (kg)

Author(s)

Jose Gama

Source

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References

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Examples

NISTkgForceSecSqrPerMeterTOkg(10)

NISTkgForceTOnewton	<i>Convert kilogram-force to newton</i>
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Description

NISTkgForceTOnewton converts from kilogram-force (kgf) to newton (N)

Usage

NISTkgForceTOnewton(kgForce)

Arguments

kgForce	kilogram-force (kgf)
---------	----------------------

Value

newton (N)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTkgForceTOnewton(10)

NISTkgMeterSqrDTOpoundFtSqrD

Convert kilogram meter squared to pound foot squared

Description

NISTkgMeterSqrDTOpoundFtSqrD converts from kilogram meter squared ($\text{kg} * \text{m}^2$) to pound foot squared ($\text{lb} * \text{ft}^2$)

Usage

NISTkgMeterSqrDTOpoundFtSqrD(kgMeterSqrD)

Arguments

kgMeterSqrD kilogram meter squared ($\text{kg} * \text{m}^2$)

Value

pound foot squared ($\text{lb} * \text{ft}^2$)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTkgMeterSqrDTOpoundFtSqrD(10)

NISTkgMeterSqrDTOpoundInchSqrD

Convert kilogram meter squared to pound inch squared

Description

NISTkgMeterSqrDTOpoundInchSqrD converts from kilogram meter squared ($\text{kg} \cdot \text{m}^2$) to pound inch squared ($\text{lb} \cdot \text{in}^2$)

Usage

NISTkgMeterSqrDTOpoundInchSqrD(kgMeterSqrD)

Arguments

kgMeterSqrD kilogram meter squared ($\text{kg} \cdot \text{m}^2$)

Value

pound inch squared ($\text{lb} \cdot \text{in}^2$)

Author(s)

Jose Gama

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Examples

NISTkgMeterSqrDTOpoundInchSqrD(10)

NISTkgPerCubMeterTOgrainPerGallon

Convert kilogram per cubic meter to grain per gallon

Description

NISTkgPerCubMeterTOgrainPerGallon converts from kilogram per cubic meter (kg/m³) to grain per gallon (U.S.) (gr/gal)

Usage

NISTkgPerCubMeterTOgrainPerGallon(kgPerCubMeter)

Arguments

kgPerCubMeter kilogram per cubic meter (kg/m³)

Value

grain per gallon (U.S.) (gr/gal)

Author(s)

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Examples

NISTkgPerCubMeterTOgrainPerGallon(10)

NISTkgPerCubMeterTOgramPerCubCm

Convert kilogram per cubic meter to gram per cubic centimeter

Description

NISTkgPerCubMeterTOgramPerCubCm converts from kilogram per cubic meter (kg/m³) to gram per cubic centimeter (g/cm³)

Usage

NISTkgPerCubMeterTOgramPerCubCm(kgPerCubMeter)

Arguments

kgPerCubMeter kilogram per cubic meter (kg/m³)

Value

gram per cubic centimeter (g/cm³)

Author(s)

Jose Gama

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Examples

NISTkgPerCubMeterTOgramPerCubCm(10)

NISTkgPerCubMeterTOounceImperialPerGallon

Convert kilogram per cubic meter to ounce per gallon

Description

NISTkgPerCubMeterTOounceImperialPerGallon converts from kilogram per cubic meter (kg/m³) to ounce (avoirdupois) per gallon [Canadian and U.K. (Imperial)] (oz/gal)

Usage

NISTkgPerCubMeterTOounceImperialPerGallon(kgPerCubMeter)

Arguments

kgPerCubMeter kilogram per cubic meter (kg/m³)

Value

ounce (avoirdupois) per gallon [Canadian and U.K. (Imperial)] (oz/gal)

Author(s)

Jose Gama

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Examples

NISTkgPerCubMeterTOounceImperialPerGallon(10)

NISTkgPerCubMeterTOouncePerCubInch

Convert kilogram per cubic meter to ounce per cubic inch

Description

NISTkgPerCubMeterTOouncePerCubInch converts from kilogram per cubic meter (kg/m³) to ounce (avoirdupois) per cubic inch (oz/in³)

Usage

NISTkgPerCubMeterTOouncePerCubInch(kgPerCubMeter)

Arguments

kgPerCubMeter kilogram per cubic meter (kg/m³)

Value

ounce (avoirdupois) per cubic inch (oz/in³)

Author(s)

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Examples

NISTkgPerCubMeterTOouncePerCubInch(10)

NISTkgPerCubMeterTOouncePerGallon

Convert kilogram per cubic meter to ounce per gallon

Description

NISTkgPerCubMeterTOouncePerGallon converts from kilogram per cubic meter (kg/m³) to ounce (avoirdupois) per gallon (U.S.) (oz/gal)

Usage

NISTkgPerCubMeterTOouncePerGallon(kgPerCubMeter)

Arguments

kgPerCubMeter kilogram per cubic meter (kg/m³)

Value

ounce (avoirdupois) per gallon (U.S.) (oz/gal)

Author(s)

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Examples

NISTkgPerCubMeterTOouncePerGallon(10)

NISTkgPerCubMeterTOpoundPerCubFt*Convert kilogram per cubic meter to pound per cubic foot*

Description

NISTkgPerCubMeterTOpoundPerCubFt converts from kilogram per cubic meter (kg/m³) to pound per cubic foot (lb/ft³)

Usage

NISTkgPerCubMeterTOpoundPerCubFt(kgPerCubMeter)

Arguments

kgPerCubMeter kilogram per cubic meter (kg/m³)

Value

pound per cubic foot (lb/ft³)

Author(s)

Jose Gama

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Examples

NISTkgPerCubMeterTOpoundPerCubFt(10)

NISTkgPerCubMeterTOpoundPerCubInch

Convert kilogram per cubic meter to pound per cubic inch

Description

NISTkgPerCubMeterTOpoundPerCubInch converts from kilogram per cubic meter (kg/m³) to pound per cubic inch (lb/in³)

Usage

NISTkgPerCubMeterTOpoundPerCubInch(kgPerCubMeter)

Arguments

kgPerCubMeter kilogram per cubic meter (kg/m³)

Value

pound per cubic inch (lb/in³)

Author(s)

Jose Gama

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Examples

NISTkgPerCubMeterTOpoundPerCubInch(10)

NISTkgPerCubMeterTOpoundPerCubYard*Convert kilogram per cubic meter to pound per cubic yard*

Description

NISTkgPerCubMeterTOpoundPerCubYard converts from kilogram per cubic meter (kg/m³) to pound per cubic yard (lb/yd³)

Usage

NISTkgPerCubMeterTOpoundPerCubYard(kgPerCubMeter)

Arguments

kgPerCubMeter kilogram per cubic meter (kg/m³)

Value

pound per cubic yard (lb/yd³)

Author(s)

Jose Gama

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Examples

NISTkgPerCubMeterTOpoundPerCubYard(10)

NISTkgPerCubMeterTOpoundPerGallon

Convert kilogram per cubic meter to pound per gallon

Description

NISTkgPerCubMeterTOpoundPerGallon converts from kilogram per cubic meter (kg/m³) to pound per gallon (U.S.) (lb/gal)

Usage

NISTkgPerCubMeterTOpoundPerGallon(kgPerCubMeter)

Arguments

kgPerCubMeter kilogram per cubic meter (kg/m³)

Value

pound per gallon (U.S.) (lb/gal)

Author(s)

Jose Gama

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Examples

NISTkgPerCubMeterTOpoundPerGallon(10)

NISTkgPerCubMeterTOpoundPerGallonImperial

Convert kilogram per cubic meter to pound per gallon

Description

NISTkgPerCubMeterTOpoundPerGallonImperial converts from kilogram per cubic meter (kg/m³) to pound per gallon [Canadian and U.K. (Imperial)] (lb/gal)

Usage

NISTkgPerCubMeterTOpoundPerGallonImperial(kgPerCubMeter)

Arguments

kgPerCubMeter kilogram per cubic meter (kg/m³)

Value

pound per gallon [Canadian and U.K. (Imperial)] (lb/gal)

Author(s)

Jose Gama

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Examples

NISTkgPerCubMeterTOpoundPerGallonImperial(10)

NISTkgPerCubMeterTOslugPerCubFt

Convert kilogram per cubic meter to slug per cubic foot

Description

NISTkgPerCubMeterTOslugPerCubFt converts from kilogram per cubic meter (kg/m³) to slug per cubic foot (slug/ft³)

Usage

NISTkgPerCubMeterTOslugPerCubFt(kgPerCubMeter)

Arguments

kgPerCubMeter kilogram per cubic meter (kg/m³)

Value

slug per cubic foot (slug/ft³)

Author(s)

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Examples

NISTkgPerCubMeterTOslugPerCubFt(10)

NISTkgPerCubMeterTOtonLongPerCubYard

Convert kilogram per cubic meter to ton, long, per cubic yard

Description

NISTkgPerCubMeterTOtonLongPerCubYard converts from kilogram per cubic meter (kg/m³) to ton, long, per cubic yard

Usage

NISTkgPerCubMeterTOtonLongPerCubYard(kgPerCubMeter)

Arguments

kgPerCubMeter kilogram per cubic meter (kg/m³)

Value

ton, long, per cubic yard

Author(s)

Jose Gama

Source

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Examples

NISTkgPerCubMeterTOtonLongPerCubYard(10)

NISTkgPerCubMeterTOtonShortPerCubYard

Convert kilogram per cubic meter to ton, short, per cubic yard

Description

NISTkgPerCubMeterTOtonShortPerCubYard converts from kilogram per cubic meter (kg/m³) to ton, short, per cubic yard

Usage

NISTkgPerCubMeterTOtonShortPerCubYard(kgPerCubMeter)

Arguments

kgPerCubMeter kilogram per cubic meter (kg/m³)

Value

ton, short, per cubic yard

Author(s)

Jose Gama

Source

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Examples

NISTkgPerCubMeterTOtonShortPerCubYard(10)

NISTkgPerJouleTOpoundPerHorsepowerHour*Convert kilogram per joule to pound per horsepower hour*

Description

NISTkgPerJouleTOpoundPerHorsepowerHour converts from kilogram per joule (kg/J) to pound per horsepower hour [lb/(hp * h)]

Usage

NISTkgPerJouleTOpoundPerHorsepowerHour(kgPerJoule)

Arguments

kgPerJoule kilogram per joule (kg/J)

Value

pound per horsepower hour [lb/(hp * h)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgPerJouleTOpoundPerHorsepowerHour(10)

NISTkgPerLiterTOpoundPerGallon

Convert kilogram per liter to pound per gallon

Description

NISTkgPerLiterTOpoundPerGallon converts from kilogram per liter (kg/L) to pound per gallon (U.S.) (lb/gal)

Usage

NISTkgPerLiterTOpoundPerGallon(kgPerLiter)

Arguments

kgPerLiter kilogram per liter (kg/L)

Value

pound per gallon (U.S.) (lb/gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgPerLiterTOpoundPerGallon(10)

`NISTkgPerLiterTOpoundPerGallonImperial`*Convert kilogram per liter to pound per gallon*

Description

`NISTkgPerLiterTOpoundPerGallonImperial` converts from kilogram per liter (kg/L) to pound per gallon [Canadian and U.K. (Imperial)] (lb/gal)

Usage

`NISTkgPerLiterTOpoundPerGallonImperial(kgPerLiter)`

Arguments

`kgPerLiter` kilogram per liter (kg/L)

Value

pound per gallon [Canadian and U.K. (Imperial)] (lb/gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

`NISTkgPerLiterTOpoundPerGallonImperial(10)`

NISTkgPerMeterTOdenier

Convert kilogram per meter to denier

Description

NISTkgPerMeterTOdenier converts from kilogram per meter (kg/m) to denier

Usage

NISTkgPerMeterTOdenier(kgPerMeter)

Arguments

kgPerMeter kilogram per meter (kg/m)

Value

denier

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgPerMeterTOdenier(10)

NISTkgPerMeterTOpoundPerFt

Convert kilogram per meter to pound per foot

Description

NISTkgPerMeterTOpoundPerFt converts from kilogram per meter (kg/m) to pound per foot (lb/ft)

Usage

NISTkgPerMeterTOpoundPerFt(kgPerMeter)

Arguments

kgPerMeter kilogram per meter (kg/m)

Value

pound per foot (lb/ft)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgPerMeterTOpoundPerFt(10)

NISTkgPerMeterTOpoundPerInch

Convert kilogram per meter to pound per inch

Description

NISTkgPerMeterTOpoundPerInch converts from kilogram per meter (kg/m) to pound per inch (lb/in)

Usage

NISTkgPerMeterTOpoundPerInch(kgPerMeter)

Arguments

kgPerMeter kilogram per meter (kg/m)

Value

pound per inch (lb/in)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgPerMeterTOpoundPerInch(10)

NISTkgPerMeterTOpoundPerYard*Convert kilogram per meter to pound per yard*

Description

NISTkgPerMeterTOpoundPerYard converts from kilogram per meter (kg/m) to pound per yard (lb/yd)

Usage

NISTkgPerMeterTOpoundPerYard(kgPerMeter)

Arguments

kgPerMeter kilogram per meter (kg/m)

Value

pound per yard (lb/yd)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgPerMeterTOpoundPerYard(10)

NISTkgPerMeterTOtex	<i>Convert kilogram per meter to tex</i>
---------------------	--

Description

NISTkgPerMeterTOtex converts from kilogram per meter (kg/m) to tex

Usage

NISTkgPerMeterTOtex(kgPerMeter)

Arguments

kgPerMeter	kilogram per meter (kg/m)
------------	---------------------------

Value

tex

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgPerMeterTOtex(10)

NISTkgPerPascalSecMeterTOpermInch0C

Convert kilogram per pascal second meter to perm inch

Description

NISTkgPerPascalSecMeterTOpermInch0C converts from kilogram per pascal second meter [kg/(Pa*s*m)] to perm inch (0 C)

Usage

NISTkgPerPascalSecMeterTOpermInch0C(kgPerPascalSecMeter)

Arguments

kgPerPascalSecMeter

kilogram per pascal second meter [kg/(Pa*s*m)]

Value

perm inch (0 C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgPerPascalSecMeterTOpermInch0C(10)

NISTkgPerPascalSecMeterTOpermInch23C

Convert kilogram per pascal second meter to perm inch

Description

NISTkgPerPascalSecMeterTOpermInch23C converts from kilogram per pascal second meter [kg/(Pa*s*m)] to perm inch (23 C)

Usage

NISTkgPerPascalSecMeterTOpermInch23C(kgPerPascalSecMeter)

Arguments

kgPerPascalSecMeter

kilogram per pascal second meter [kg/(Pa*s*m)]

Value

perm inch (23 C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgPerPascalSecMeterTOpermInch23C(10)

NISTkgPerPascalSecSqrMeterT0perm0C

Convert kilogram per pascal second square meter to perm

Description

NISTkgPerPascalSecSqrMeterT0perm0C converts from kilogram per pascal second square meter [kg/(Pa * s * m²)] to perm (0 C)

Usage

NISTkgPerPascalSecSqrMeterT0perm0C(kgPerPascalSecSqrMeter)

Arguments

kgPerPascalSecSqrMeter

kilogram per pascal second square meter [kg/(Pa * s * m²)]

Value

perm (0 C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgPerPascalSecSqrMeterT0perm0C(10)

NISTkgPerPascalSecSqrMeterTOperm23C

Convert kilogram per pascal second square meter to perm

Description

NISTkgPerPascalSecSqrMeterTOperm23C converts from kilogram per pascal second square meter [kg/(Pa * s * m²)] to perm (23 C)

Usage

NISTkgPerPascalSecSqrMeterTOperm23C(kgPerPascalSecSqrMeter)

Arguments

kgPerPascalSecSqrMeter

kilogram per pascal second square meter [kg/(Pa * s * m²)]

Value

perm (23 C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgPerPascalSecSqrMeterTOperm23C(10)

NISTkgPerSecTOpoundPerHour

Convert kilogram per second to pound per hour

Description

NISTkgPerSecTOpoundPerHour converts from kilogram per second (kg/s) to pound per hour (lb/h)

Usage

NISTkgPerSecTOpoundPerHour(kgPerSec)

Arguments

kgPerSec kilogram per second (kg/s)

Value

pound per hour (lb/h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgPerSecTOpoundPerHour(10)

NISTkgPerSecTOpoundPerMin

Convert kilogram per second to pound per minute

Description

NISTkgPerSecTOpoundPerMin converts from kilogram per second (kg/s) to pound per minute (lb/min)

Usage

NISTkgPerSecTOpoundPerMin(kgPerSec)

Arguments

kgPerSec kilogram per second (kg/s)

Value

pound per minute (lb/min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgPerSecTOpoundPerMin(10)

NISTkgPerSecTOpoundPerSec*Convert kilogram per second to pound per second*

Description

NISTkgPerSecTOpoundPerSec converts from kilogram per second (kg/s) to pound per second (lb/s)

Usage

NISTkgPerSecTOpoundPerSec(kgPerSec)

Arguments

kgPerSec kilogram per second (kg/s)

Value

pound per second (lb/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgPerSecTOpoundPerSec(10)

NISTkgPerSecTOtonShortPerHour

Convert kilogram per second to ton, short, per hour

Description

NISTkgPerSecTOtonShortPerHour converts from kilogram per second (kg/s) to ton, short, per hour

Usage

NISTkgPerSecTOtonShortPerHour(kgPerSec)

Arguments

kgPerSec kilogram per second (kg/s)

Value

ton, short, per hour

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgPerSecTOtonShortPerHour(10)

NISTkgPerSqrMeterTOouncePerSqrFt*Convert kilogram per square meter to ounce per square foot*

Description

NISTkgPerSqrMeterTOouncePerSqrFt converts from kilogram per square meter (kg/m²) to ounce (avoirdupois) per square foot (oz/ft²)

Usage

NISTkgPerSqrMeterTOouncePerSqrFt(kgPerSqrMeter)

Arguments

kgPerSqrMeter kilogram per square meter (kg/m²)

Value

ounce (avoirdupois) per square foot (oz/ft²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgPerSqrMeterTOouncePerSqrFt(10)

NISTkgPerSqrMeterTOouncePerSqrInch

Convert kilogram per square meter to ounce per square inch

Description

NISTkgPerSqrMeterTOouncePerSqrInch converts from kilogram per square meter (kg/m²) to ounce (avoirdupois) per square inch (oz/in²)

Usage

NISTkgPerSqrMeterTOouncePerSqrInch(kgPerSqrMeter)

Arguments

kgPerSqrMeter kilogram per square meter (kg/m²)

Value

ounce (avoirdupois) per square inch (oz/in²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgPerSqrMeterTOouncePerSqrInch(10)

NISTkgPerSqrMeterTOouncePerSqrYard*Convert kilogram per square meter to ounce per square yard*

Description

NISTkgPerSqrMeterTOouncePerSqrYard converts from kilogram per square meter (kg/m²) to ounce (avoirdupois) per square yard (oz/yd²)

Usage

NISTkgPerSqrMeterTOouncePerSqrYard(kgPerSqrMeter)

Arguments

kgPerSqrMeter kilogram per square meter (kg/m²)

Value

ounce (avoirdupois) per square yard (oz/yd²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgPerSqrMeterTOouncePerSqrYard(10)

NISTkgPerSqrMeterTOpoundPerSqrFt

Convert kilogram per square meter to pound per square foot

Description

NISTkgPerSqrMeterTOpoundPerSqrFt converts from kilogram per square meter (kg/m²) to pound per square foot (lb/ft²)

Usage

NISTkgPerSqrMeterTOpoundPerSqrFt(kgPerSqrMeter)

Arguments

kgPerSqrMeter kilogram per square meter (kg/m²)

Value

pound per square foot (lb/ft²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgPerSqrMeterTOpoundPerSqrFt(10)

NISTkgPerSqrMeterTOpoundPerSqrInch

Convert kilogram per square meter to pound per square inch

Description

NISTkgPerSqrMeterTOpoundPerSqrInch converts from kilogram per square meter (kg/m²) to pound per square inch (not pound-force) (lb/in²)

Usage

NISTkgPerSqrMeterTOpoundPerSqrInch(kgPerSqrMeter)

Arguments

kgPerSqrMeter kilogram per square meter (kg/m²)

Value

pound per square inch (not pound-force) (lb/in²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgPerSqrMeterTOpoundPerSqrInch(10)

NISTkgTOcaratSI	<i>Convert kilogram to carat, metric</i>
-----------------	--

Description

NISTkgTOcaratSI converts from kilogram (kg) to carat, metric

Usage

NISTkgTOcaratSI(kg)

Arguments

kg	kilogram (kg)
----	---------------

Value

carat, metric

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgTOcaratSI(10)

NISTkgTOgrain	<i>Convert kilogram to grain</i>
---------------	----------------------------------

Description

NISTkgTOgrain converts from kilogram (kg) to grain (gr)

Usage

NISTkgTOgrain(kg)

Arguments

kg	kilogram (kg)
----	---------------

Value

grain (gr)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgTOgrain(10)

NISTkgTOhundredweightLong

Convert kilogram to hundredweight

Description

NISTkgTOhundredweightLong converts from kilogram (kg) to hundredweight (long, 112 lb)

Usage

NISTkgTOhundredweightLong(kg)

Arguments

kg kilogram (kg)

Value

hundredweight (long, 112 lb)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgTOhundredweightLong(10)

NISTkgTOhundredweightShort

Convert kilogram to hundredweight

Description

NISTkgTOhundredweightShort converts from kilogram (kg) to hundredweight (short, 100 lb)

Usage

NISTkgTOhundredweightShort(kg)

Arguments

kg	kilogram (kg)
----	---------------

Value

hundredweight (short, 100 lb)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgTOhundredweightShort(10)

NISTkgTOkgForceSecSqrdPerMeter

Convert kilogram to kilogram-force second squared per meter

Description

NISTkgTOkgForceSecSqrdPerMeter converts from kilogram (kg) to kilogram-force second squared per meter (kgf * s²/m)

Usage

NISTkgTOkgForceSecSqrdPerMeter(kg)

Arguments

kg kilogram (kg)

Value

kilogram-force second squared per meter (kgf * s²/m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgTOkgForceSecSqrdPerMeter(10)

NISTkgTOounceAvoirdupois

Convert kilogram to ounce

Description

NISTkgTOounceAvoirdupois converts from kilogram (kg) to ounce (avoirdupois) (oz)

Usage

NISTkgTOounceAvoirdupois(kg)

Arguments

kg	kilogram (kg)
----	---------------

Value

ounce (avoirdupois) (oz)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgTOounceAvoirdupois(10)

NISTkgTOounceTroy	<i>Convert kilogram to ounce</i>
-------------------	----------------------------------

Description

NISTkgTOounceTroy converts from kilogram (kg) to ounce (troy or apothecary) (oz)

Usage

NISTkgTOounceTroy(kg)

Arguments

kg	kilogram (kg)
----	---------------

Value

ounce (troy or apothecary) (oz)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgTOounceTroy(10)

NISTkgTOpennyweight	<i>Convert kilogram to pennyweight</i>
---------------------	--

Description

NISTkgTOpennyweight converts from kilogram (kg) to pennyweight (dwt)

Usage

NISTkgTOpennyweight(kg)

Arguments

kg	kilogram (kg)
----	---------------

Value

pennyweight (dwt)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgTOpennyweight(10)

NISTkgTOpoundAvoirdupois

Convert kilogram to pound 22

Description

NISTkgTOpoundAvoirdupois converts from kilogram (kg) to pound (avoirdupois) (lb) 22

Usage

NISTkgTOpoundAvoirdupois(kg)

Arguments

kg	kilogram (kg)
----	---------------

Value

pound (avoirdupois) (lb) 22

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgTOpoundAvoirdupois(10)

NISTkgTOpoundTroy	<i>Convert kilogram to pound</i>
-------------------	----------------------------------

Description

NISTkgTOpoundTroy converts from kilogram (kg) to pound (troy or apothecary) (lb)

Usage

NISTkgTOpoundTroy(kg)

Arguments

kg	kilogram (kg)
----	---------------

Value

pound (troy or apothecary) (lb)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgTOpoundTroy(10)

NISTkgTOSlug	<i>Convert kilogram to slug</i>
--------------	---------------------------------

Description

NISTkgTOSlug converts from kilogram (kg) to slug (slug)

Usage

NISTkgTOSlug(kg)

Arguments

kg	kilogram (kg)
----	---------------

Value

slug (slug)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgTOSlug(10)

NISTkgTOtonAssay	<i>Convert kilogram to ton, assay</i>
------------------	---------------------------------------

Description

NISTkgTOtonAssay converts from kilogram (kg) to ton, assay (AT)

Usage

NISTkgTOtonAssay(kg)

Arguments

kg	kilogram (kg)
----	---------------

Value

ton, assay (AT)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgTOtonAssay(10)

NISTkgTOtonLong	<i>Convert kilogram to ton, long</i>
-----------------	--------------------------------------

Description

NISTkgTOtonLong converts from kilogram (kg) to ton, long (2240 lb)

Usage

NISTkgTOtonLong(kg)

Arguments

kg	kilogram (kg)
----	---------------

Value

ton, long (2240 lb)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgTOtonLong(10)

NISTkgTOtonne	<i>Convert kilogram to tonne</i>
---------------	----------------------------------

Description

NISTkgTOtonne converts from kilogram (kg) to tonne (called metric ton in U.S.) (t)

Usage

NISTkgTOtonne(kg)

Arguments

kg	kilogram (kg)
----	---------------

Value

tonne (called metric ton in U.S.) (t)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgTOtonne(10)

NISTkgTOtonShort	<i>Convert kilogram to ton, short</i>
------------------	---------------------------------------

Description

NISTkgTOtonShort converts from kilogram (kg) to ton, short (2000 lb)

Usage

NISTkgTOtonShort(kg)

Arguments

kg	kilogram (kg)
----	---------------

Value

ton, short (2000 lb)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgTOtonShort(10)

NISTkgTOtonSI	<i>Convert kilogram to ton, metric</i>
---------------	--

Description

NISTkgTOtonSI converts from kilogram (kg) to ton, metric (t)

Usage

NISTkgTOtonSI(kg)

Arguments

kg	kilogram (kg)
----	---------------

Value

ton, metric (t)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkgTOtonSI(10)

NISTkilocalITtOjoule *Convert kilocalorieIT to joule*

Description

NISTkilocalITtOjoule converts from kilocalorieIT (kcalIT) to joule (J)

Usage

NISTkilocalITtOjoule(kilocalIT)

Arguments

kilocalIT kilocalorieIT (kcalIT)

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkilocalITtOjoule(10)

NISTkilocalthPerMinTOwatt

Convert kilocalorieth per minute to watt

Description

NISTkilocalthPerMinTOwatt converts from kilocalorieth per minute (kcalth/min) to watt (W)

Usage

NISTkilocalthPerMinTOwatt(kilocalthPerMin)

Arguments

kilocalthPerMin
kilocalorieth per minute (kcalth/min)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkilocalthPerMinTOwatt(10)

NISTkilocalthPerSecTOwatt

Convert kilocalorieth per second to watt

Description

NISTkilocalthPerSecTOwatt converts from kilocalorieth per second (kcalth/s) to watt (W)

Usage

NISTkilocalthPerSecTOwatt(kilocalthPerSec)

Arguments

kilocalthPerSec
kilocalorieth per second (kcalth/s)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkilocalthPerSecTOwatt(10)

NISTkilocalthTOjoule *Convert kilocalorieth to joule*

Description

NISTkilocalthTOjoule converts from kilocalorieth (kcalth) to joule (J)

Usage

NISTkilocalthTOjoule(kilocalth)

Arguments

kilocalth kilocalorieth (kcalth)

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkilocalthTOjoule(10)

NISTkilocalTOjoule	<i>Convert kilocalorie to joule</i>
--------------------	-------------------------------------

Description

NISTkilocalTOjoule converts from kilocalorie (mean) (kcal) to joule (J)

Usage

NISTkilocalTOjoule(kilocal)

Arguments

kilocal	kilocalorie (mean) (kcal)
---------	---------------------------

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkilocalTOjoule(10)

NISTkilonewtonTOkip *Convert kilonewton to kip*

Description

NISTkilonewtonTOkip converts from kilonewton (kN) to kip (1 kip= 1000 lbf)

Usage

NISTkilonewtonTOkip(kilonewton)

Arguments

kilonewton kilonewton (kN)

Value

kip (1 kip= 1000 lbf)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkilonewtonTOkip(10)

NISTkilonewtonTOtonForce

Convert kilonewton to ton-force

Description

NISTkilonewtonTOtonForce converts from kilonewton (kN) to ton-force (2000 lbf)

Usage

NISTkilonewtonTOtonForce(kilonewton)

Arguments

kilonewton kilonewton (kN)

Value

ton-force (2000 lbf)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkilonewtonTOtonForce(10)

NISTkilopondTOnewton *Convert kilopond to newton*

Description

NISTkilopondTOnewton converts from kilopond (kilogram-force) (kp) to newton (N)

Usage

NISTkilopondTOnewton(kilopond)

Arguments

kilopond kilopond (kilogram-force) (kp)

Value

newton (N)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkilopondTOnewton(10)

NISTkilowattHourTOjoule

Convert kilowatt hour to joule

Description

NISTkilowattHourTOjoule converts from kilowatt hour (kW * h) to joule (J)

Usage

NISTkilowattHourTOjoule(kilowattHour)

Arguments

kilowattHour kilowatt hour (kW * h)

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkilowattHourTOjoule(10)

NISTkilowattHourTOmegajoule

Convert kilowatt hour to megajoule

Description

NISTkilowattHourTOmegajoule converts from kilowatt hour (kW * h) to megajoule (MJ)

Usage

NISTkilowattHourTOmegajoule(kilowattHour)

Arguments

kilowattHour kilowatt hour (kW * h)

Value

megajoule (MJ)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkilowattHourTOmegajoule(10)

NISTkipPerSqrInchTOkpasca1

Convert kip per square inch to kilopascal

Description

NISTkipPerSqrInchTOkpasca1 converts from kip per square inch (ksi) (kip/in²) to kilopascal (kPa)

Usage

NISTkipPerSqrInchTOkpasca1(kipPerSqrInch)

Arguments

kipPerSqrInch kip per square inch (ksi) (kip/in²)

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkipPerSqrInchTOkpasca1(10)

NISTkipPerSqrInchTOpascal

Convert kip per square inch to pascal

Description

NISTkipPerSqrInchTOpascal converts from kip per square inch (ksi) (kip/in²) to pascal (Pa)

Usage

NISTkipPerSqrInchTOpascal(kipPerSqrInch)

Arguments

kipPerSqrInch kip per square inch (ksi) (kip/in²)

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkipPerSqrInchTOpascal(10)

NISTkipTOkilonewton	<i>Convert kip to kilonewton</i>
---------------------	----------------------------------

Description

NISTkipTOkilonewton converts from kip (1 kip= 1000 lbf) to kilonewton (kN)

Usage

NISTkipTOkilonewton(kip)

Arguments

kip	kip (1 kip= 1000 lbf)
-----	-----------------------

Value

kilonewton (kN)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkipTOkilonewton(10)

NISTkipTOnewton	<i>Convert kip to newton</i>
-----------------	------------------------------

Description

NISTkipTOnewton converts from kip (1 kip= 1000 lbf) to newton (N)

Usage

NISTkipTOnewton(kip)

Arguments

kip	kip (1 kip= 1000 lbf)
-----	-----------------------

Value

newton (N)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkipTOnewton(10)

NISTkmPerHourTOmeterPerSec

Convert kilometer per hour to meter per second

Description

NISTkmPerHourTOmeterPerSec converts from kilometer per hour (km/h) to meter per second (m/s)

Usage

NISTkmPerHourTOmeterPerSec(kmPerHour)

Arguments

kmPerHour kilometer per hour (km/h)

Value

meter per second (m/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkmPerHourTOmeterPerSec(10)

NISTkmPerHourTOmilePerHour

Convert kilometer per hour to mile per hour

Description

NISTkmPerHourTOmilePerHour converts from kilometer per hour (km/h) to mile per hour (mi/h)

Usage

NISTkmPerHourTOmilePerHour(kmPerHour)

Arguments

kmPerHour kilometer per hour (km/h)

Value

mile per hour (mi/h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkmPerHourTOmilePerHour(10)

NISTkmPerLiterTOmilePerGallon

Convert kilometer per liter to mile per gallon

Description

NISTkmPerLiterTOmilePerGallon converts from kilometer per liter (km/L) to mile per gallon (U.S.) (mpg) (mi/gal)

Usage

NISTkmPerLiterTOmilePerGallon(kmPerLiter)

Arguments

kmPerLiter kilometer per liter (km/L)

Value

mile per gallon (U.S.) (mpg) (mi/gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkmPerLiterTOmilePerGallon(10)

NISTkmTOmile	<i>Convert kilometer to mile</i>
--------------	----------------------------------

Description

NISTkmTOmile converts from kilometer (km) to mile (mi)

Usage

NISTkmTOmile(km)

Arguments

km	kilometer (km)
----	----------------

Value

mile (mi)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkmTOmile(10)

NISTkmTOMileUSSurvey *Convert kilometer to mile 7*

Description

NISTkmTOMileUSSurvey converts from kilometer (km) to mile (based on U.S. survey foot) (mi) 7

Usage

NISTkmTOMileUSSurvey(km)

Arguments

km kilometer (km)

Value

mile (based on U.S. survey foot) (mi) 7

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkmTOMileUSSurvey(10)

NISTknotTOMeterPerSec *Convert knot to meter per second*

Description

NISTknotTOMeterPerSec converts from knot (nautical mile per hour) to meter per second (m/s)

Usage

NISTknotTOMeterPerSec(knot)

Arguments

knot knot (nautical mile per hour)

Value

meter per second (m/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTknotTOMeterPerSec(10)

NISTkpaScalTOatmosphereStd

Convert kilopascal to atmosphere, standard

Description

NISTkpaScalTOatmosphereStd converts from kilopascal (kPa) to atmosphere, standard (atm)

Usage

NISTkpaScalTOatmosphereStd(kpascal)

Arguments

kpascal kilopascal (kPa)

Value

atmosphere, standard (atm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkpaScalTOatmosphereStd(10)

`NISTkpascaIToatmosphereTechnical`*Convert kilopascal to atmosphere, technical 8*

Description

`NISTkpascaIToatmosphereTechnical` converts from kilopascal (kPa) to atmosphere, technical (at) 8

Usage

`NISTkpascaIToatmosphereTechnical(kpascaI)`

Arguments

<code>kpascal</code>	kilopascal (kPa)
----------------------	------------------

Value

atmosphere, technical (at) 8

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

`NISTkpascaIToatmosphereTechnical(10)`

NISTkpasca1T0bar	<i>Convert kilopascal to bar</i>
------------------	----------------------------------

Description

NISTkpasca1T0bar converts from kilopascal (kPa) to bar (bar)

Usage

NISTkpasca1T0bar(kpasca1)

Arguments

kpasca1	kilopascal (kPa)
---------	------------------

Value

bar (bar)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkpasca1T0bar(10)

NISTkpascaIT0cmOfMercury

Convert kilopascal to centimeter of mercury 12

Description

NISTkpascaIT0cmOfMercury converts from kilopascal (kPa) to centimeter of mercury (0 C) 12

Usage

NISTkpascaIT0cmOfMercury(kpascaI)

Arguments

kpascaI kilopascal (kPa)

Value

centimeter of mercury (0 C) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkpascaIT0cmOfMercury(10)

NISTkpascaIT0cmOfMercuryConvtnl

Convert kilopascal to centimeter of mercury, conventional 12

Description

NISTkpascaIT0cmOfMercuryConvtnl converts from kilopascal (kPa) to centimeter of mercury, conventional (cmHg) 12

Usage

NISTkpascaIT0cmOfMercuryConvtnl(kpascal)

Arguments

kpascal kilopascal (kPa)

Value

centimeter of mercury, conventional (cmHg) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkpascaIT0cmOfMercuryConvtnl(10)

NISTkpasca1TOftOfMercuryConvtn1*Convert kilopascal to foot of mercury, conventional 12*

Description

NISTkpasca1TOftOfMercuryConvtn1 converts from kilopascal (kPa) to foot of mercury, conventional (ftHg) 12

Usage

NISTkpasca1TOftOfMercuryConvtn1(kpasca1)

Arguments

kpasca1 kilopascal (kPa)

Value

foot of mercury, conventional (ftHg) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkpasca1TOftOfMercuryConvtn1(10)

NISTkpasca1TOftOfWater

Convert kilopascal to foot of water 12

Description

NISTkpasca1TOftOfWater converts from kilopascal (kPa) to foot of water (39.2 F) 12

Usage

NISTkpasca1TOftOfWater(kpasca1)

Arguments

kpascal kilopascal (kPa)

Value

foot of water (39.2 F) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkpasca1TOftOfWater(10)

NISTkascalTOftOfWaterConvtnl*Convert kilopascal to foot of water, conventional 12*

Description

NISTkascalTOftOfWaterConvtnl converts from kilopascal (kPa) to foot of water, conventional (ftH₂O) 12

Usage

NISTkascalTOftOfWaterConvtnl(kpascal)

Arguments

kpascal kilopascal (kPa)

Value

foot of water, conventional (ftH₂O) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkascalTOftOfWaterConvtnl(10)

NISTkpaScalTOinchOfMercury32F

Convert kilopascal to inch of mercury 12

Description

NISTkpaScalTOinchOfMercury32F converts from kilopascal (kPa) to inch of mercury (32 F) 12

Usage

NISTkpaScalTOinchOfMercury32F(kpaScal)

Arguments

kpaScal kilopascal (kPa)

Value

inch of mercury (32 F) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkpaScalTOinchOfMercury32F(10)

NISTkpascaIT0inchOfMercury60F*Convert kilopascal to inch of mercury 12*

Description

NISTkpascaIT0inchOfMercury60F converts from kilopascal (kPa) to inch of mercury (60 F) 12

Usage

NISTkpascaIT0inchOfMercury60F(kpascaI)

Arguments

kpascal kilopascal (kPa)

Value

inch of mercury (60 F) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkpascaIT0inchOfMercury60F(10)

NISTkpascaIT0inchOfMercuryConvtnl

Convert kilopascal to inch of mercury, conventional 12

Description

NISTkpascaIT0inchOfMercuryConvtnl converts from kilopascal (kPa) to inch of mercury, conventional (inHg) 12

Usage

NISTkpascaIT0inchOfMercuryConvtnl(kpascaI)

Arguments

kpascal kilopascal (kPa)

Value

inch of mercury, conventional (inHg) 12

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTkpascaIT0inchOfMercuryConvtnl(10)

NISTkpaascalTOkgForcePerSqrCm

Convert kilopascal to kilogram-force per square centimeter

Description

NISTkpaascalTOkgForcePerSqrCm converts from kilopascal (kPa) to kilogram-force per square centimeter (kgf/cm²)

Usage

NISTkpaascalTOkgForcePerSqrCm(kpascal)

Arguments

kpascal kilopascal (kPa)

Value

kilogram-force per square centimeter (kgf/cm²)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTkpaascalTOkgForcePerSqrCm(10)

NISTkpaScalTOkipPerSqrInch

Convert kilopascal to kip per square inch

Description

NISTkpaScalTOkipPerSqrInch converts from kilopascal (kPa) to kip per square inch (ksi) (kip/in²)

Usage

NISTkpaScalTOkipPerSqrInch(kpascal)

Arguments

kpascal kilopascal (kPa)

Value

kip per square inch (ksi) (kip/in²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTkpaScalTOkipPerSqrInch(10)

NISTkpascaT0millibar *Convert kilopascal to millibar*

Description

NISTkpascaT0millibar converts from kilopascal (kPa) to millibar (mbar)

Usage

NISTkpascaT0millibar(kpascal)

Arguments

kpascal kilopascal (kPa)

Value

millibar (mbar)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTkpascaT0millibar(10)

NISTkpaascalTOpoundForcePerSqrInch

Convert kilopascal to pound-force per square inch

Description

NISTkpaascalTOpoundForcePerSqrInch converts from kilopascal (kPa) to pound-force per square inch (psi) (lbf/in²)

Usage

NISTkpaascalTOpoundForcePerSqrInch(kpaascal)

Arguments

kpaascal kilopascal (kPa)

Value

pound-force per square inch (psi) (lbf/in²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTkpaascalTOpoundForcePerSqrInch(10)

NISTkpascaTOpsi	<i>Convert kilopascal to psi</i>
-----------------	----------------------------------

Description

NISTkpascaTOpsi converts from kilopascal (kPa) to psi (pound-force per square inch) (lbf/in²)

Usage

NISTkpascaTOpsi(kpasca)

Arguments

kpasca	kilopascal (kPa)
--------	------------------

Value

psi (pound-force per square inch) (lbf/in²)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkpascaTOpsi(10)

NISTkPerWattTOdegFHourPerUkThUnIT

Convert kelvin per watt to degree Fahrenheit hour per British thermal unitIT

Description

NISTkPerWattTOdegFHourPerUkThUnIT converts from kelvin per watt (K/W) to degree Fahrenheit hour per British thermal unitIT (F * h/BtuIT)

Usage

NISTkPerWattTOdegFHourPerUkThUnIT(kPerWatt)

Arguments

kPerWatt kelvin per watt (K/W)

Value

degree Fahrenheit hour per British thermal unitIT (F * h/BtuIT)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTkPerWattTOdegFHourPerUkThUnIT(10)

NISTkPerWattTOdegFHourPerUkThUnth

Convert kelvin per watt to degree Fahrenheit hour per British thermal unitth

Description

NISTkPerWattTOdegFHourPerUkThUnth converts from kelvin per watt (K/W) to degree Fahrenheit hour per British thermal unitth (F * h/Btuth)

Usage

NISTkPerWattTOdegFHourPerUkThUnth(kPerWatt)

Arguments

kPerWatt kelvin per watt (K/W)

Value

degree Fahrenheit hour per British thermal unitth (F * h/Btuth)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTkPerWattTOdegFHourPerUkThUnth(10)

NISTkPerWattTOdegFSecPerUkThUnIT

Convert kelvin per watt to degree Fahrenheit second per British thermal unitIT

Description

NISTkPerWattTOdegFSecPerUkThUnIT converts from kelvin per watt (K/W) to degree Fahrenheit second per British thermal unitIT (F * s/BtuIT)

Usage

NISTkPerWattTOdegFSecPerUkThUnIT(kPerWatt)

Arguments

kPerWatt kelvin per watt (K/W)

Value

degree Fahrenheit second per British thermal unitIT (F * s/BtuIT)

Author(s)

Jose Gama

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Examples

NISTkPerWattTOdegFSecPerUkThUnIT(10)

NISTkPerWattTOdegFSecPerUkThUnth

Convert kelvin per watt to degree Fahrenheit second per British thermal unitth

Description

NISTkPerWattTOdegFSecPerUkThUnth converts from kelvin per watt (K/W) to degree Fahrenheit second per British thermal unitth (F * s/Btuth)

Usage

NISTkPerWattTOdegFSecPerUkThUnth(kPerWatt)

Arguments

kPerWatt kelvin per watt (K/W)

Value

degree Fahrenheit second per British thermal unitth (F * s/Btuth)

Author(s)

Jose Gama

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Examples

NISTkPerWattTOdegFSecPerUkThUnth(10)

NISTkTOdegC

Convert kelvin to degree Celsius

Description

NISTkTOdegC converts from kelvin (K) to degree Celsius (temperature interval) (C)

Usage

NISTkTOdegC(k)

Arguments

k kelvin (K)

Value

degree Celsius (temperature interval) (C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkTOdegC(10)

NISTkTOdegCinterval	<i>Convert kelvin temperature interval to degree Celsius</i>
---------------------	--

Description

NISTkTOdegCinterval converts from kelvin (K) to degree Celsius (temperature interval) (C)

Usage

NISTkTOdegCinterval(k)

Arguments

k	kelvin (K)
---	------------

Value

degree Celsius (temperature interval) (C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkTOdegCinterval(10)

NISTkTOdegF

Convert kelvin to degree Fahrenheit

Description

NISTkTOdegF converts from kelvin (K) to degree Fahrenheit (temperature interval) (F)

Usage

NISTkTOdegF(k)

Arguments

k kelvin (K)

Value

degree Fahrenheit (temperature interval) (F)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTkTOdegF(10)

NISTkTOdegFinterval	<i>Convert kelvin temperature interval to degree Fahrenheit</i>
---------------------	---

Description

NISTkTOdegFinterval converts from kelvin (K) to degree Fahrenheit (temperature interval) (F)

Usage

NISTkTOdegFinterval(k)

Arguments

k	kelvin (K)
---	------------

Value

degree Fahrenheit (temperature interval) (F)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTkTOdegFinterval(10)

NISTkTOdegRankine	<i>Convert kelvin to degree Rankine</i>
-------------------	---

Description

NISTkTOdegRankine converts from kelvin (K) to degree Rankine (temperature interval) (R)

Usage

NISTkTOdegRankine(k)

Arguments

k	kelvin (K)
---	------------

Value

degree Rankine (temperature interval) (R)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTkTOdegRankine(10)

`NISTkTOdegRankineInterval`*Convert kelvin temperature interval to degree Rankine*

Description

`NISTkTOdegRankineInterval` converts from kelvin (K) to degree Rankine (temperature interval) (R)

Usage

```
NISTkTOdegRankineInterval(k)
```

Arguments

k	kelvin (K)
---	------------

Value

degree Rankine (temperature interval) (R)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
NISTkTOdegRankineInterval(10)
```

NISTlambertTOcandelaPerSqrMeter

Convert lambert 17 to candela per square meter

Description

NISTlambertTOcandelaPerSqrMeter converts from lambert 17 to candela per square meter (cd/m²)

Usage

NISTlambertTOcandelaPerSqrMeter(lambert)

Arguments

lambert lambert 17

Value

candela per square meter (cd/m²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTlambertTOcandelaPerSqrMeter(10)

NISTlangleyTOjoulePerSqrMeter

Convert langley to joule per square meter

Description

NISTlangleyTOjoulePerSqrMeter converts from langley (calth/cm2) to joule per square meter (J/m2)

Usage

NISTlangleyTOjoulePerSqrMeter(langley)

Arguments

langley langley (calth/cm2)

Value

joule per square meter (J/m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTlangleyTOjoulePerSqrMeter(10)

NISTlightYearTOMeter *Convert light year 18 to meter*

Description

NISTlightYearTOMeter converts from light year (l.y.) 18 to meter (m)

Usage

NISTlightYearTOMeter(lightYear)

Arguments

lightYear light year (l.y.) 18

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTlightYearTOMeter(10)

NISTliterPer100KmTOmilePerGallon

Convert liter per 100 kilometer to mile per gallon 21

Description

NISTliterPer100KmTOmilePerGallon converts from liter per 100 kilometer (L/100 km) to mile per gallon (U.S.) (mpg) (mi/gal) 21

Usage

NISTliterPer100KmTOmilePerGallon(literPer100Km)

Arguments

literPer100Km liter per 100 kilometer (L/100 km)

Value

mile per gallon (U.S.) (mpg) (mi/gal) 21

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTliterPer100KmTOmilePerGallon(10)

NISTliterPerJouleTOgallonPerHorsepowerHour

Convert liter per joule to gallon per horsepower hour

Description

NISTliterPerJouleTOgallonPerHorsepowerHour converts from liter per joule (L/J) to gallon (U.S.) per horsepower hour [gal/(hp * h)]

Usage

NISTliterPerJouleTOgallonPerHorsepowerHour(literPerJoule)

Arguments

literPerJoule liter per joule (L/J)

Value

gallon (U.S.) per horsepower hour [gal/(hp * h)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTliterPerJouleTOgallonPerHorsepowerHour(10)

NISTliterPerSecTOcubFtPerMin

Convert liter per second to cubic foot per minute

Description

NISTliterPerSecTOcubFtPerMin converts from liter per second (L/s) to cubic foot per minute (ft³/min)

Usage

NISTliterPerSecTOcubFtPerMin(literPerSec)

Arguments

literPerSec liter per second (L/s)

Value

cubic foot per minute (ft³/min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTliterPerSecTOcubFtPerMin(10)

NISTliterPerSecTOgallonPerDay

Convert liter per second to gallon per day

Description

NISTliterPerSecTOgallonPerDay converts from liter per second (L/s) to gallon (U.S.) per day (gal/d)

Usage

NISTliterPerSecTOgallonPerDay(literPerSec)

Arguments

literPerSec liter per second (L/s)

Value

gallon (U.S.) per day (gal/d)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTliterPerSecTOgallonPerDay(10)

`NISTliterPerSecTOgallonPerMin`*Convert liter per second to gallon per minute*

Description

`NISTliterPerSecTOgallonPerMin` converts from liter per second (L/s) to gallon (U.S.) per minute (gpm) (gal/min)

Usage

`NISTliterPerSecTOgallonPerMin(literPerSec)`

Arguments

`literPerSec` liter per second (L/s)

Value

gallon (U.S.) per minute (gpm) (gal/min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

`NISTliterPerSecTOgallonPerMin(10)`

NISTliterTObarrel	<i>Convert liter to barrel</i>
-------------------	--------------------------------

Description

NISTliterTObarrel converts from liter (L) to barrel [for petroleum, 42 gallons (U.S.)] (bbl)

Usage

NISTliterTObarrel(liter)

Arguments

liter	liter (L)
-------	-----------

Value

barrel [for petroleum, 42 gallons (U.S.)] (bbl)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTliterTObarrel(10)

NISTliterTObushel	<i>Convert liter to bushel</i>
-------------------	--------------------------------

Description

NISTliterTObushel converts from liter (L) to bushel (U.S.) (bu)

Usage

NISTliterTObushel(liter)

Arguments

liter	liter (L)
-------	-----------

Value

bushel (U.S.) (bu)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTliterTObushel(10)

NISTliterTOcubMeter	<i>Convert liter 19 to cubic meter</i>
---------------------	--

Description

NISTliterTOcubMeter converts from liter (L) 19 to cubic meter (m3)

Usage

```
NISTliterTOcubMeter(liter)
```

Arguments

liter	liter (L) 19
-------	--------------

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
NISTliterTOcubMeter(10)
```

NISTliterTOcup	<i>Convert liter to cup</i>
----------------	-----------------------------

Description

NISTliterTOcup converts from liter (L) to cup (U.S.)

Usage

NISTliterTOcup(liter)

Arguments

liter	liter (L)
-------	-----------

Value

cup (U.S.)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTliterTOcup(10)

NISTliterTOgallon	<i>Convert liter to gallon</i>
-------------------	--------------------------------

Description

NISTliterTOgallon converts from liter (L) to gallon (U.S.) (gal)

Usage

NISTliterTOgallon(liter)

Arguments

liter	liter (L)
-------	-----------

Value

gallon (U.S.) (gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTliterTOgallon(10)

`NISTliterTOgallonImperial`*Convert liter to gallon*

Description

`NISTliterTOgallonImperial` converts from liter (L) to gallon [Canadian and U.K. (Imperial)] (gal)

Usage

```
NISTliterTOgallonImperial(liter)
```

Arguments

<code>liter</code>	<code>liter (L)</code>
--------------------	------------------------

Value

gallon [Canadian and U.K. (Imperial)] (gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
NISTliterTOgallonImperial(10)
```

NISTliterTOgill	<i>Convert liter to gill</i>
-----------------	------------------------------

Description

NISTliterTOgill converts from liter (L) to gill (U.S.) (gi)

Usage

NISTliterTOgill(liter)

Arguments

liter	liter (L)
-------	-----------

Value

gill (U.S.) (gi)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTliterTOgill(10)

`NISTliterTOgillImperial`*Convert liter to gill*

Description

`NISTliterTOgillImperial` converts from liter (L) to gill [Canadian and U.K. (Imperial)] (gi)

Usage

```
NISTliterTOgillImperial(liter)
```

Arguments

<code>liter</code>	<code>liter (L)</code>
--------------------	------------------------

Value

`gill [Canadian and U.K. (Imperial)] (gi)`

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
NISTliterTOgillImperial(10)
```

NISTliterTOpeck	<i>Convert liter to peck</i>
-----------------	------------------------------

Description

NISTliterTOpeck converts from liter (L) to peck (U.S.) (pk)

Usage

NISTliterTOpeck(liter)

Arguments

liter	liter (L)
-------	-----------

Value

peck (U.S.) (pk)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTliterTOpeck(10)

NISTliterTOpintUSdry *Convert liter to pint*

Description

NISTliterTOpintUSdry converts from liter (L) to pint (U.S. dry) (dry pt)

Usage

NISTliterTOpintUSdry(liter)

Arguments

liter liter (L)

Value

pint (U.S. dry) (dry pt)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTliterTOpintUSdry(10)

NISTliterTOpintUSliquid

Convert liter to pint

Description

NISTliterTOpintUSliquid converts from liter (L) to pint (U.S. liquid) (liq pt)

Usage

NISTliterTOpintUSliquid(liter)

Arguments

liter	liter (L)
-------	-----------

Value

pint (U.S. liquid) (liq pt)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTliterTOpintUSliquid(10)

NISTliterTOquartUSdry *Convert liter to quart*

Description

NISTliterTOquartUSdry converts from liter (L) to quart (U.S. dry) (dry qt)

Usage

NISTliterTOquartUSdry(liter)

Arguments

liter liter (L)

Value

quart (U.S. dry) (dry qt)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTliterTOquartUSdry(10)

NISTliterTOquartUSliquid

Convert liter to quart

Description

NISTliterTOquartUSliquid converts from liter (L) to quart (U.S. liquid) (liq qt)

Usage

NISTliterTOquartUSliquid(liter)

Arguments

liter liter (L)

Value

quart (U.S. liquid) (liq qt)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTliterTOquartUSliquid(10)

`NISTlumenPerSqrFtTOlux`*Convert lumen per square foot to lux*

Description

`NISTlumenPerSqrFtTOlux` converts from lumen per square foot (lm/ft²) to lux (lx)

Usage

`NISTlumenPerSqrFtTOlux(lumenPerSqrFt)`

Arguments

`lumenPerSqrFt` lumen per square foot (lm/ft²)

Value

lux (lx)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

`NISTlumenPerSqrFtTOlux(10)`

NISTluxTOftcandle	<i>Convert lux to footcandle</i>
-------------------	----------------------------------

Description

NISTluxTOftcandle converts from lux (lx) to footcandle

Usage

NISTluxTOftcandle(lux)

Arguments

lux	lux (lx)
-----	----------

Value

footcandle

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTluxTOftcandle(10)

`NISTluxTOlumenPerSqrFt`*Convert lux to lumen per square foot*

Description

NISTluxTOlumenPerSqrFt converts from lux (lx) to lumen per square foot (lm/ft²)

Usage

`NISTluxTOlumenPerSqrFt(lux)`

Arguments

lux	lux (lx)
-----	----------

Value

lumen per square foot (lm/ft²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

`NISTluxTOlumenPerSqrFt(10)`

NISTluxT0phot*Convert lux to phot*

Description

NISTluxT0phot converts from lux (lx) to phot (ph)

Usage

NISTluxT0phot(lux)

Arguments

lux lux (lx)

Value

phot (ph)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTluxT0phot(10)

NISTmaxwellTOweber	<i>Convert maxwell to weber</i>
--------------------	---------------------------------

Description

NISTmaxwellTOweber converts from maxwell (Mx) to weber (Wb)

Usage

NISTmaxwellTOweber(maxwell)

Arguments

maxwell	maxwell (Mx)
---------	--------------

Value

weber (Wb)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmaxwellTOweber(10)

NISTmegajouleTOkilowattHour

Convert megajoule to kilowatt hour

Description

NISTmegajouleTOkilowattHour converts from megajoule (MJ) to kilowatt hour (kW * h)

Usage

NISTmegajouleTOkilowattHour(megajoule)

Arguments

megajoule megajoule (MJ)

Value

kilowatt hour (kW * h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmegajouleTOkilowattHour(10)

NISTmeter4thPowerTOft4thPower

Convert meter to the fourth power to foot to the fourth power 16

Description

NISTmeter4thPowerTOft4thPower converts from meter to the fourth power (m4) to foot to the fourth power (ft4) 16

Usage

NISTmeter4thPowerTOft4thPower(meter4thPower)

Arguments

meter4thPower meter to the fourth power (m4)

Value

foot to the fourth power (ft4) 16

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeter4thPowerTOft4thPower(10)

NISTmeter4thPowerTOinch4thPower

Convert meter to the fourth power to inch to the fourth power 16

Description

NISTmeter4thPowerTOinch4thPower converts from meter to the fourth power (m4) to inch to the fourth power (in4) 16

Usage

NISTmeter4thPowerTOinch4thPower(meter4thPower)

Arguments

meter4thPower meter to the fourth power (m4)

Value

inch to the fourth power (in4) 16

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeter4thPowerTOinch4thPower(10)

NISTmeterKPerWattTOdegFHourSqrFtPerUkThUnITInch

*Convert meter kelvin per watt to degree Fahrenheit hour square foot
per British thermal unitIT inch*

Description

NISTmeterKPerWattTOdegFHourSqrFtPerUkThUnITInch converts from meter kelvin per watt ($\text{m} * \text{K/W}$) to degree Fahrenheit hour square foot per British thermal unitIT inch [$\text{F} * \text{h} * \text{ft}^2/(\text{BtuIT} * \text{in})$]

Usage

NISTmeterKPerWattTOdegFHourSqrFtPerUkThUnITInch(meterKPerWatt)

Arguments

meterKPerWatt meter kelvin per watt ($\text{m} * \text{K/W}$)

Value

degree Fahrenheit hour square foot per British thermal unitIT inch [$\text{F} * \text{h} * \text{ft}^2/(\text{BtuIT} * \text{in})$]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterKPerWattTOdegFHourSqrFtPerUkThUnITInch(10)

NISTmeterKPerWattTOdegFHourSqrFtPerUkThUnthInch

Convert meter kelvin per watt to degree Fahrenheit hour square foot per British thermal unitth inch

Description

NISTmeterKPerWattTOdegFHourSqrFtPerUkThUnthInch converts from meter kelvin per watt ($\text{m} * \text{K/W}$) to degree Fahrenheit hour square foot per British thermal unitth inch [$\text{F} * \text{h} * \text{ft}^2/(\text{Btuth} * \text{in})$]

Usage

NISTmeterKPerWattTOdegFHourSqrFtPerUkThUnthInch(meterKPerWatt)

Arguments

meterKPerWatt meter kelvin per watt ($\text{m} * \text{K/W}$)

Value

degree Fahrenheit hour square foot per British thermal unitth inch [$\text{F} * \text{h} * \text{ft}^2/(\text{Btuth} * \text{in})$]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterKPerWattTOdegFHourSqrFtPerUkThUnthInch(10)

NISTmeterPerCubMeterTOmilePerGallon

Convert meter per cubic meter to mile per gallon

Description

NISTmeterPerCubMeterTOmilePerGallon converts from meter per cubic meter (m/m³) to mile per gallon (U.S.) (mpg) (mi/gal)

Usage

NISTmeterPerCubMeterTOmilePerGallon(meterPerCubMeter)

Arguments

meterPerCubMeter
meter per cubic meter (m/m³)

Value

mile per gallon (U.S.) (mpg) (mi/gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterPerCubMeterTOmilePerGallon(10)

NISTmeterPerSecSqrDTOaccelOfFreeFallStd

Convert meter per second squared to acceleration of free fall, standard

Description

NISTmeterPerSecSqrDTOaccelOfFreeFallStd converts from meter per second squared (m / s²) to acceleration of free fall, standard (gn)

Usage

NISTmeterPerSecSqrDTOaccelOfFreeFallStd(meterPerSecSqr)

Arguments

meterPerSecSqr
meter per second squared (m / s²)

Value

acceleration of free fall, standard (gn)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterPerSecSqrDTOaccelOfFreeFallStd(10)

NISTmeterPerSecSqrDTOfPerSecSqrD

Convert meter per second squared to foot per second squared

Description

NISTmeterPerSecSqrDTOfPerSecSqrD converts from meter per second squared (m/s²) to foot per second squared (ft/s²)

Usage

NISTmeterPerSecSqrDTOfPerSecSqrD(meterPerSecSqrD)

Arguments

meterPerSecSqrD
meter per second squared (m/s²)

Value

foot per second squared (ft/s²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterPerSecSqrDTOfPerSecSqrD(10)

NISTmeterPerSecSqrDT0gal

Convert meter per second squared to gal

Description

NISTmeterPerSecSqrDT0gal converts from meter per second squared (m/s²) to gal (Gal)

Usage

NISTmeterPerSecSqrDT0gal(meterPerSecSqrD)

Arguments

meterPerSecSqrD
meter per second squared (m/s²)

Value

gal (Gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterPerSecSqrDT0gal(10)

NISTmeterPerSecSqrDT0inchPerSecSqrD*Convert meter per second squared to inch per second squared*

Description

NISTmeterPerSecSqrDT0inchPerSecSqrD converts from meter per second squared (m/s²) to inch per second squared (in/s²)

Usage

NISTmeterPerSecSqrDT0inchPerSecSqrD(meterPerSecSqrD)

Arguments

meterPerSecSqrD
meter per second squared (m/s²)

Value

inch per second squared (in/s²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterPerSecSqrDT0inchPerSecSqrD(10)

NISTmeterPerSecTOftPerHour

Convert meter per second to foot per hour

Description

NISTmeterPerSecTOftPerHour converts from meter per second (m/s) to foot per hour (ft/h)

Usage

NISTmeterPerSecTOftPerHour(meterPerSec)

Arguments

meterPerSec meter per second (m/s)

Value

foot per hour (ft/h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterPerSecTOftPerHour(10)

NISTmeterPerSecTOftPerMin

Convert meter per second to foot per minute

Description

NISTmeterPerSecTOftPerMin converts from meter per second (m/s) to foot per minute (ft/min)

Usage

NISTmeterPerSecTOftPerMin(meterPerSec)

Arguments

meterPerSec meter per second (m/s)

Value

foot per minute (ft/min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterPerSecTOftPerMin(10)

NISTmeterPerSecTOftPerSec

Convert meter per second to foot per second

Description

NISTmeterPerSecTOftPerSec converts from meter per second (m/s) to foot per second (ft/s)

Usage

NISTmeterPerSecTOftPerSec(meterPerSec)

Arguments

meterPerSec meter per second (m/s)

Value

foot per second (ft/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterPerSecTOftPerSec(10)

NISTmeterPerSecTOinchPerSec

Convert meter per second to inch per second

Description

NISTmeterPerSecTOinchPerSec converts from meter per second (m/s) to inch per second (in/s)

Usage

NISTmeterPerSecTOinchPerSec(meterPerSec)

Arguments

meterPerSec meter per second (m/s)

Value

inch per second (in/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterPerSecTOinchPerSec(10)

NISTmeterPerSecTOKmPerHour

Convert meter per second to kilometer per hour

Description

NISTmeterPerSecTOKmPerHour converts from meter per second (m/s) to kilometer per hour (km/h)

Usage

NISTmeterPerSecTOKmPerHour(meterPerSec)

Arguments

meterPerSec meter per second (m/s)

Value

kilometer per hour (km/h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterPerSecTOKmPerHour(10)

NISTmeterPerSecTOknot *Convert meter per second to knot*

Description

NISTmeterPerSecTOknot converts from meter per second (m/s) to knot (nautical mile per hour)

Usage

NISTmeterPerSecTOknot(meterPerSec)

Arguments

meterPerSec meter per second (m/s)

Value

knot (nautical mile per hour)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterPerSecTOknot(10)

NISTmeterPerSecTOmilePerHour

Convert meter per second to mile per hour

Description

NISTmeterPerSecTOmilePerHour converts from meter per second (m/s) to mile per hour (mi/h)

Usage

NISTmeterPerSecTOmilePerHour(meterPerSec)

Arguments

meterPerSec meter per second (m/s)

Value

mile per hour (mi/h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterPerSecTOmilePerHour(10)

`NISTmeterPerSecTOmilePerMin`*Convert meter per second to mile per minute*

Description

NISTmeterPerSecTOmilePerMin converts from meter per second (m/s) to mile per minute (mi/min)

Usage

`NISTmeterPerSecTOmilePerMin(meterPerSec)`

Arguments

`meterPerSec` meter per second (m/s)

Value

mile per minute (mi/min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

`NISTmeterPerSecTOmilePerMin(10)`

NISTmeterPerSecTOmilePerSec

Convert meter per second to mile per second

Description

NISTmeterPerSecTOmilePerSec converts from meter per second (m/s) to mile per second (mi/s)

Usage

NISTmeterPerSecTOmilePerSec(meterPerSec)

Arguments

meterPerSec meter per second (m/s)

Value

mile per second (mi/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterPerSecTOmilePerSec(10)

NISTmeterSqrPerSecTOcentistokes

Convert meter squared per second to centistokes

Description

NISTmeterSqrPerSecTOcentistokes converts from meter squared per second (m²/s) to centistokes (cSt)

Usage

NISTmeterSqrPerSecTOcentistokes(meterSqrPerSec)

Arguments

meterSqrPerSec
meter squared per second (m²/s)

Value

centistokes (cSt)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterSqrPerSecTOcentistokes(10)

NISTmeterSqrPerSecTOstokes

Convert meter squared per second to stokes

Description

NISTmeterSqrPerSecTOstokes converts from meter squared per second (m²/s) to stokes (St)

Usage

NISTmeterSqrPerSecTOstokes(meterSqrPerSec)

Arguments

meterSqrPerSec
meter squared per second (m²/s)

Value

stokes (St)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterSqrPerSecTOstokes(10)

NISTmeterSqrTOdarcy *Convert meter squared to darcy 14*

Description

NISTmeterSqrTOdarcy converts from meter squared (m2) to darcy 14

Usage

NISTmeterSqrTOdarcy(meterSqr)

Arguments

meterSqr meter squared (m2)

Value

darcy 14

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterSqrTOdarcy(10)

NISTmeterTOangstrom	<i>Convert meter to angstrom</i>
---------------------	----------------------------------

Description

NISTmeterTOangstrom converts from meter (m) to angstrom (a)

Usage

NISTmeterTOangstrom(meter)

Arguments

meter	meter (m)
-------	-----------

Value

angstrom (a)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterTOangstrom(10)

NISTmeterTOastronomicalUn

Convert meter to astronomical unit

Description

NISTmeterTOastronomicalUn converts from meter (m) to astronomical unit (ua)

Usage

NISTmeterTOastronomicalUn(meter)

Arguments

meter	meter (m)
-------	-----------

Value

astronomical unit (ua)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterTOastronomicalUn(10)

NISTmeterTOchain	<i>Convert meter to chain</i> 7
------------------	---------------------------------

Description

NISTmeterTOchain converts from meter (m) to chain (based on U.S. survey foot) (ch) 7

Usage

NISTmeterTOchain(meter)

Arguments

meter	meter (m)
-------	-----------

Value

chain (based on U.S. survey foot) (ch) 7

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterTOchain(10)

NISTmeterTOfathom	<i>Convert meter to fathom</i> 7
-------------------	----------------------------------

Description

NISTmeterTOfathom converts from meter (m) to fathom (based on U.S. survey foot) 7

Usage

NISTmeterTOfathom(meter)

Arguments

meter	meter (m)
-------	-----------

Value

fathom (based on U.S. survey foot) 7

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterTOfathom(10)

NISTmeterTOfermi	<i>Convert meter to fermi</i>
------------------	-------------------------------

Description

NISTmeterTOfermi converts from meter (m) to fermi

Usage

NISTmeterTOfermi(meter)

Arguments

meter	meter (m)
-------	-----------

Value

fermi

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterTOfermi(10)

NISTmeterTOft	<i>Convert meter to foot</i>
---------------	------------------------------

Description

NISTmeterTOft converts from meter (m) to foot (ft)

Usage

NISTmeterTOft(meter)

Arguments

meter	meter (m)
-------	-----------

Value

foot (ft)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterTOft(10)

NISTmeterTOftUSSurvey *Convert meter to foot* 7

Description

NISTmeterTOftUSSurvey converts from meter (m) to foot (U.S. survey) (ft) 7

Usage

NISTmeterTOftUSSurvey(meter)

Arguments

meter meter (m)

Value

foot (U.S. survey) (ft) 7

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterTOftUSSurvey(10)

NISTmeterTOinch	<i>Convert meter to inch</i>
-----------------	------------------------------

Description

NISTmeterTOinch converts from meter (m) to inch (in)

Usage

NISTmeterTOinch(meter)

Arguments

meter	meter (m)
-------	-----------

Value

inch (in)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterTOinch(10)

NISTmeterTOlightYear *Convert meter to light year 18*

Description

NISTmeterTOlightYear converts from meter (m) to light year (l.y.) 18

Usage

NISTmeterTOlightYear(meter)

Arguments

meter meter (m)

Value

light year (l.y.) 18

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterTOlightYear(10)

NISTmeterTOMicroinch *Convert meter to microinch*

Description

NISTmeterTOMicroinch converts from meter (m) to microinch

Usage

NISTmeterTOMicroinch(meter)

Arguments

meter meter (m)

Value

microinch

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterTOMicroinch(10)

NISTmeterTOmicron	<i>Convert meter to micron</i>
-------------------	--------------------------------

Description

NISTmeterTOmicron converts from meter (m) to micron (u)

Usage

NISTmeterTOmicron(meter)

Arguments

meter	meter (m)
-------	-----------

Value

micron (u)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterTOmicron(10)

NISTmeterTOmil	<i>Convert meter to mil</i>
----------------	-----------------------------

Description

NISTmeterTOmil converts from meter (m) to mil (0.001 in)

Usage

NISTmeterTOmil(meter)

Arguments

meter	meter (m)
-------	-----------

Value

mil (0.001 in)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterTOmil(10)

NISTmeterTOmile	<i>Convert meter to mile</i>
-----------------	------------------------------

Description

NISTmeterTOmile converts from meter (m) to mile (mi)

Usage

NISTmeterTOmile(meter)

Arguments

meter	meter (m)
-------	-----------

Value

mile (mi)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterTOmile(10)

`NISTmeterTOmileNautical`*Convert meter to mile, nautical 20*

Description

`NISTmeterTOmileNautical` converts from meter (m) to mile, nautical 20

Usage

`NISTmeterTOmileNautical(meter)`

Arguments

<code>meter</code>	<code>meter (m)</code>
--------------------	------------------------

Value

mile, nautical 20

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

`NISTmeterTOmileNautical(10)`

NISTmeterTOMileUSSurvey

Convert meter to mile ⁷

Description

NISTmeterTOMileUSSurvey converts from meter (m) to mile (based on U.S. survey foot) (mi) ⁷

Usage

NISTmeterTOMileUSSurvey(meter)

Arguments

meter	meter (m)
-------	-----------

Value

mile (based on U.S. survey foot) (mi) ⁷

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterTOMileUSSurvey(10)

NISTmeterTOpasec	<i>Convert meter to parsec</i>
------------------	--------------------------------

Description

NISTmeterTOpasec converts from meter (m) to parsec (pc)

Usage

NISTmeterTOpasec(meter)

Arguments

meter	meter (m)
-------	-----------

Value

parsec (pc)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterTOpasec(10)

NISTmeterTOpicaComputer

Convert meter to pica

Description

NISTmeterTOpicaComputer converts from meter (m) to pica (computer) (1/6 in)

Usage

NISTmeterTOpicaComputer(meter)

Arguments

meter	meter (m)
-------	-----------

Value

pica (computer) (1/6 in)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterTOpicaComputer(10)

`NISTmeterTOpicaPrinter`*Convert meter to pica*

Description

NISTmeterTOpicaPrinter converts from meter (m) to pica (printer's)

Usage

`NISTmeterTOpicaPrinter(meter)`

Arguments

<code>meter</code>	<code>meter (m)</code>
--------------------	------------------------

Value

pica (printer's)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

`NISTmeterTOpicaPrinter(10)`

NISTmeterTToPointComputer

Convert meter to point

Description

NISTmeterTToPointComputer converts from meter (m) to point (computer) (1/72 in)

Usage

NISTmeterTToPointComputer(meter)

Arguments

meter	meter (m)
-------	-----------

Value

point (computer) (1/72 in)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterTToPointComputer(10)

`NISTmeterTToPointPrinter`*Convert meter to point*

Description

NISTmeterTToPointPrinter converts from meter (m) to point (printer's)

Usage

```
NISTmeterTToPointPrinter(meter)
```

Arguments

meter	meter (m)
-------	-----------

Value

point (printer's)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
NISTmeterTToPointPrinter(10)
```

NISTmeterTOrod	<i>Convert meter to rod</i> 7
----------------	-------------------------------

Description

NISTmeterTOrod converts from meter (m) to rod (based on U.S. survey foot) (rd) 7

Usage

NISTmeterTOrod(meter)

Arguments

meter	meter (m)
-------	-----------

Value

rod (based on U.S. survey foot) (rd) 7

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterTOrod(10)

NISTmeterTOyard	<i>Convert meter to yard</i>
-----------------	------------------------------

Description

NISTmeterTOyard converts from meter (m) to yard (yd)

Usage

NISTmeterTOyard(meter)

Arguments

meter	meter (m)
-------	-----------

Value

yard (yd)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmeterTOyard(10)

NISTmhoTOsiemens	<i>Convert mho to siemens</i>
------------------	-------------------------------

Description

NISTmhoTOsiemens converts from mho to siemens (S)

Usage

NISTmhoTOsiemens(mho)

Arguments

mho	mho
-----	-----

Value

siemens (S)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmhoTOsiemens(10)

NISTmicroinchTOMeter *Convert microinch to meter*

Description

NISTmicroinchTOMeter converts from microinch to meter (m)

Usage

NISTmicroinchTOMeter(microinch)

Arguments

microinch microinch

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmicroinchTOMeter(10)

`NISTmicroinchTOMICrometer`*Convert microinch to micrometer*

Description

`NISTmicroinchTOMICrometer` converts from microinch to micrometer (um)

Usage

`NISTmicroinchTOMICrometer(microinch)`

Arguments

microinch microinch

Value

micrometer (um)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

`NISTmicroinchTOMICrometer(10)`

`NISTmicrometerTOMICROINCH`*Convert micrometer to microinch*

Description

NISTmicrometerTOMICROINCH converts from micrometer (um) to microinch

Usage

`NISTmicrometerTOMICROINCH(micrometer)`

Arguments

micrometer micrometer (um)

Value

microinch

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

`NISTmicrometerTOMICROINCH(10)`

NISTmicrometerTOMicron

Convert micrometer to micron

Description

NISTmicrometerTOMicron converts from micrometer (um) to micron (u)

Usage

NISTmicrometerTOMicron(micrometer)

Arguments

micrometer micrometer (um)

Value

micron (u)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmicrometerTOMicron(10)

NISTmicronTOMeter	<i>Convert micron to meter</i>
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Description

NISTmicronTOMeter converts from micron (u) to meter (m)

Usage

NISTmicronTOMeter(micron)

Arguments

micron	micron (u)
--------	------------

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmicronTOMeter(10)

NISTmicronTOmicrometer

Convert micron to micrometer

Description

NISTmicronTOmicrometer converts from micron (u) to micrometer (um)

Usage

NISTmicronTOmicrometer(micron)

Arguments

micron	micron (u)
--------	------------

Value

micrometer (um)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmicronTOmicrometer(10)

`NISTmileNauticalTOMeter`*Convert mile, nautical 20 to meter*

Description

NISTmileNauticalTOMeter converts from mile, nautical 20 to meter (m)

Usage

```
NISTmileNauticalTOMeter(mileNautical)
```

Arguments

mileNautical mile, nautical 20

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
NISTmileNauticalTOMeter(10)
```

NISTmilePerGallonTOkmPerLiter

Convert mile per gallon to kilometer per liter

Description

NISTmilePerGallonTOkmPerLiter converts from mile per gallon (U.S.) (mpg) (mi/gal) to kilometer per liter (km/L)

Usage

NISTmilePerGallonTOkmPerLiter(milePerGallon)

Arguments

milePerGallon mile per gallon (U.S.) (mpg) (mi/gal)

Value

kilometer per liter (km/L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmilePerGallonTOkmPerLiter(10)

NISTmilePerGallonTOliterPer100Km

Convert mile per gallon 21 to liter per 100 kilometer

Description

NISTmilePerGallonTOliterPer100Km converts from mile per gallon (U.S.) (mpg) (mi/gal) 21 to liter per 100 kilometer (L/100 km)

Usage

NISTmilePerGallonTOliterPer100Km(milePerGallon)

Arguments

milePerGallon mile per gallon (U.S.) (mpg) (mi/gal) 21

Value

liter per 100 kilometer (L/100 km)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmilePerGallonTOliterPer100Km(10)

NISTmilePerGallonTOmeterPerCubMeter

Convert mile per gallon to meter per cubic meter

Description

NISTmilePerGallonTOmeterPerCubMeter converts from mile per gallon (U.S.) (mpg) (mi/gal) to meter per cubic meter (m/m³)

Usage

NISTmilePerGallonTOmeterPerCubMeter(milePerGallon)

Arguments

milePerGallon mile per gallon (U.S.) (mpg) (mi/gal)

Value

meter per cubic meter (m/m³)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmilePerGallonTOmeterPerCubMeter(10)

NISTmilePerHourTOkmPerHour

Convert mile per hour to kilometer per hour

Description

NISTmilePerHourTOkmPerHour converts from mile per hour (mi/h) to kilometer per hour (km/h)

Usage

NISTmilePerHourTOkmPerHour(milePerHour)

Arguments

milePerHour mile per hour (mi/h)

Value

kilometer per hour (km/h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmilePerHourTOkmPerHour(10)

NISTmilePerHourTOmeterPerSec

Convert mile per hour to meter per second

Description

NISTmilePerHourTOmeterPerSec converts from mile per hour (mi/h) to meter per second (m/s)

Usage

NISTmilePerHourTOmeterPerSec(milePerHour)

Arguments

milePerHour mile per hour (mi/h)

Value

meter per second (m/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmilePerHourTOmeterPerSec(10)

NISTmilePerMinTOMeterPerSec

Convert mile per minute to meter per second

Description

NISTmilePerMinTOMeterPerSec converts from mile per minute (mi/min) to meter per second (m/s)

Usage

NISTmilePerMinTOMeterPerSec(milePerMin)

Arguments

milePerMin mile per minute (mi/min)

Value

meter per second (m/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmilePerMinTOMeterPerSec(10)

NISTmilePerSecTOMeterPerSec

Convert mile per second to meter per second

Description

NISTmilePerSecTOMeterPerSec converts from mile per second (mi/s) to meter per second (m/s)

Usage

NISTmilePerSecTOMeterPerSec(milePerSec)

Arguments

milePerSec mile per second (mi/s)

Value

meter per second (m/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmilePerSecTOMeterPerSec(10)

NISTmileTOkm	<i>Convert mile to kilometer</i>
--------------	----------------------------------

Description

NISTmileTOkm converts from mile (mi) to kilometer (km)

Usage

NISTmileTOkm(mile)

Arguments

mile	mile (mi)
------	-----------

Value

kilometer (km)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmileTOkm(10)

NISTmileTOMeter	<i>Convert mile to meter</i>
-----------------	------------------------------

Description

NISTmileTOMeter converts from mile (mi) to meter (m)

Usage

NISTmileTOMeter(mile)

Arguments

mile	mile (mi)
------	-----------

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmileTOMeter(10)

NISTmileUSsurveyT0km *Convert mile 7 to kilometer*

Description

NISTmileUSsurveyT0km converts from mile (based on U.S. survey foot) (mi) 7 to kilometer (km)

Usage

NISTmileUSsurveyT0km(mileUSsurvey)

Arguments

mileUSsurvey mile (based on U.S. survey foot) (mi) 7

Value

kilometer (km)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmileUSsurveyT0km(10)

NISTmileUSsurveyTOMeter

Convert mile 7 to meter

Description

NISTmileUSsurveyTOMeter converts from mile (based on U.S. survey foot) (mi) 7 to meter (m)

Usage

NISTmileUSsurveyTOMeter(mileUSsurvey)

Arguments

mileUSsurvey mile (based on U.S. survey foot) (mi) 7

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmileUSsurveyTOMeter(10)

NISTmillibarTOkpasca *Convert millibar to kilopascal*

Description

NISTmillibarTOkpasca converts from millibar (mbar) to kilopascal (kPa)

Usage

NISTmillibarTOkpasca(millibar)

Arguments

millibar millibar (mbar)

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmillibarTOkpasca(10)

NISTmillibarTOPascal *Convert millibar to pascal*

Description

NISTmillibarTOPascal converts from millibar (mbar) to pascal (Pa)

Usage

NISTmillibarTOPascal(millibar)

Arguments

millibar millibar (mbar)

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmillibarTOPascal(10)

NISTmilligramPerLiterTOgrainPerGallon

Convert milligram per liter to grain per gallon

Description

NISTmilligramPerLiterTOgrainPerGallon converts from milligram per liter (mg/L) to grain per gallon (U.S.) (gr/gal)

Usage

NISTmilligramPerLiterTOgrainPerGallon(milligramPerLiter)

Arguments

milligramPerLiter
milligram per liter (mg/L)

Value

grain per gallon (U.S.) (gr/gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmilligramPerLiterTOgrainPerGallon(10)

NISTmilligramTOgrain *Convert milligram to grain*

Description

NISTmilligramTOgrain converts from milligram (mg) to grain (gr)

Usage

NISTmilligramTOgrain(milligram)

Arguments

milligram milligram (mg)

Value

grain (gr)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmilligramTOgrain(10)

NISTmillimeterOfMercuryConvtnlTOpascal

Convert millimeter of mercury, conventional 12 to pascal

Description

NISTmillimeterOfMercuryConvtnlTOpascal converts from millimeter of mercury, conventional (mmHg) 12 to pascal (Pa)

Usage

NISTmillimeterOfMercuryConvtnlTOpascal(millimeterOfMercuryConvtnl)

Arguments

millimeterOfMercuryConvtnl
millimeter of mercury, conventional (mmHg) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmillimeterOfMercuryConvtnlTOpascal(10)

NISTmillimeterOfWaterConvtnlTOpascal

Convert millimeter of water, conventional 12 to pascal

Description

NISTmillimeterOfWaterConvtnlTOpascal converts from millimeter of water, conventional (mm H₂O) 12 to pascal (Pa)

Usage

NISTmillimeterOfWaterConvtnlTOpascal(millimeterOfWaterConvtnl)

Arguments

millimeterOfWaterConvtnl
millimeter of water, conventional (mm H₂O) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmillimeterOfWaterConvtnlTOpascal(10)

NISTmillimeterTOmil	<i>Convert millimeter to mil</i>
---------------------	----------------------------------

Description

NISTmillimeterTOmil converts from millimeter (mm) to mil (0.001 in)

Usage

NISTmillimeterTOmil(millimeter)

Arguments

millimeter	millimeter (mm)
------------	-----------------

Value

mil (0.001 in)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmillimeterTOmil(10)

NISTmillimeterTOpicaComputer

Convert millimeter to pica

Description

NISTmillimeterTOpicaComputer converts from millimeter (mm) to pica (computer) (1/6 in)

Usage

NISTmillimeterTOpicaComputer(millimeter)

Arguments

millimeter millimeter (mm)

Value

pica (computer) (1/6 in)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmillimeterTOpicaComputer(10)

NISTmillimeterTOpicaPrinter
Convert millimeter to pica

Description

NISTmillimeterTOpicaPrinter converts from millimeter (mm) to pica (printer's)

Usage

NISTmillimeterTOpicaPrinter(millimeter)

Arguments

millimeter millimeter (mm)

Value

pica (printer's)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmillimeterTOpicaPrinter(10)

NISTmillimeterTOpointComputer
Convert millimeter to point

Description

NISTmillimeterTOpointComputer converts from millimeter (mm) to point (computer) (1/72 in)

Usage

NISTmillimeterTOpointComputer(millimeter)

Arguments

millimeter millimeter (mm)

Value

point (computer) (1/72 in)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmillimeterTOpointComputer(10)

NISTmillimeterTOpointPrinter
Convert millimeter to point

Description

NISTmillimeterTOpointPrinter converts from millimeter (mm) to point (printer's)

Usage

NISTmillimeterTOpointPrinter(millimeter)

Arguments

millimeter millimeter (mm)

Value

point (printer's)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmillimeterTOpointPrinter(10)

NISTmillinewtonMeterTOounceForceInch

Convert millinewton meter to ounce -force inch

Description

NISTmillinewtonMeterTOounceForceInch converts from millinewton meter ($\text{mN} \cdot \text{m}$) to ounce (avoirdupois)-force inch ($\text{ozf} \cdot \text{in}$)

Usage

NISTmillinewtonMeterTOounceForceInch(millinewtonMeter)

Arguments

millinewtonMeter
millinewton meter ($\text{mN} \cdot \text{m}$)

Value

ounce (avoirdupois)-force inch ($\text{ozf} \cdot \text{in}$)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmillinewtonMeterTOounceForceInch(10)

NISTmilTOdeg	<i>Convert mil to degree</i>
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Description

NISTmilTOdeg converts from mil (angle) to degree ()

Usage

NISTmilTOdeg(mil)

Arguments

mil	mil (angle)
-----	-------------

Value

degree ()

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmilTOdeg(10)

NISTmilTOMeter	<i>Convert mil to meter</i>
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Description

NISTmilTOMeter converts from mil (0.001 in) to meter (m)

Usage

NISTmilTOMeter(mil)

Arguments

mil	mil (0.001 in)
-----	----------------

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmilTOMeter(10)

NISTmilTOMillimeter	<i>Convert mil to millimeter</i>
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Description

NISTmilTOMillimeter converts from mil (0.001 in) to millimeter (mm)

Usage

NISTmilTOMillimeter(mil)

Arguments

mil	mil (0.001 in)
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Value

millimeter (mm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmilTOMillimeter(10)

NISTmilToRadian	<i>Convert mil to radian</i>
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Description

NISTmilToRadian converts from mil (angle) to radian (rad)

Usage

NISTmilToRadian(mil)

Arguments

mil	mil (angle)
-----	-------------

Value

radian (rad)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmilToRadian(10)

NISTminSiderealTOsec *Convert minute to second*

Description

NISTminSiderealTOsec converts from minute (sidereal) to second (s)

Usage

NISTminSiderealTOsec(minSidereal)

Arguments

minSidereal minute (sidereal)

Value

second (s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTminSiderealTOsec(10)

NISTminTOradian	<i>Convert minute to radian</i>
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Description

NISTminTOradian converts from minute (angle) (') to radian (rad)

Usage

NISTminTOradian(min)

Arguments

min	minute (angle) (')
-----	--------------------

Value

radian (rad)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTminTOradian(10)

NISTminTOsec	<i>Convert minute to second</i>
--------------	---------------------------------

Description

NISTminTOsec converts from minute (min) to second (s)

Usage

NISTminTOsec(min)

Arguments

min	minute (min)
-----	--------------

Value

second (s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTminTOsec(10)

NISTmlTOcup	<i>Convert milliliter to cup</i>
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Description

NISTmlTOcup converts from milliliter (mL) to cup (U.S.)

Usage

NISTmlTOcup(mL)

Arguments

mL	milliliter (mL)
----	-----------------

Value

cup (U.S.)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmlTOcup(10)

NISTmlTOfluidOunce	<i>Convert milliliter to fluid ounce</i>
--------------------	--

Description

NISTmlTOfluidOunce converts from milliliter (mL) to fluid ounce (U.S.) (fl oz)

Usage

NISTmlTOfluidOunce(ml)

Arguments

ml	milliliter (mL)
----	-----------------

Value

fluid ounce (U.S.) (fl oz)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmlTOfluidOunce(10)

NISTmTOounce*Convert milliliter to ounce*

Description

NISTmTOounce converts from milliliter (mL) to ounce (U.S. fluid) (fl oz)

Usage

NISTmTOounce(ml)

Arguments

ml milliliter (mL)

Value

ounce (U.S. fluid) (fl oz)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmTOounce(10)

NISTmlTOounceImperial *Convert milliliter to ounce*

Description

NISTmlTOounceImperial converts from milliliter (mL) to ounce [Canadian and U.K. fluid (Imperial)] (fl oz)

Usage

NISTmlTOounceImperial(ml)

Arguments

ml	milliliter (mL)
----	-----------------

Value

ounce [Canadian and U.K. fluid (Imperial)] (fl oz)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmlTOounceImperial(10)

NISTmIT0tablespoon	<i>Convert milliliter to tablespoon</i>
--------------------	---

Description

NISTmIT0tablespoon converts from milliliter (mL) to tablespoon

Usage

NISTmIT0tablespoon(ml)

Arguments

ml	milliliter (mL)
----	-----------------

Value

tablespoon

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmIT0tablespoon(10)

NISTmLT0teaspoon	<i>Convert milliliter to teaspoon</i>
------------------	---------------------------------------

Description

NISTmLT0teaspoon converts from milliliter (mL) to teaspoon

Usage

NISTmLT0teaspoon(ml)

Arguments

ml	milliliter (mL)
----	-----------------

Value

teaspoon

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmLT0teaspoon(10)

NISTmpascalTOkgForcePerSqrMillimeter

Convert megapascal to kilogram-force per square millimeter

Description

NISTmpascalTOkgForcePerSqrMillimeter converts from megapascal (MPa) to kilogram-force per square millimeter (kgf/mm²)

Usage

NISTmpascalTOkgForcePerSqrMillimeter(mppascal)

Arguments

mpascal megapascal (MPa)

Value

kilogram-force per square millimeter (kgf/mm²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTmpascalTOkgForcePerSqrMillimeter(10)

NISTnanometerTOangstrom

Convert nanometer to angstrom

Description

NISTnanometerTOangstrom converts from nanometer (nm) to angstrom (a)

Usage

NISTnanometerTOangstrom(nanometer)

Arguments

nanometer	nanometer (nm)
-----------	----------------

Value

angstrom (a)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTnanometerTOangstrom(10)

NISTnanosecTOshake	<i>Convert nanosecond to shake</i>
--------------------	------------------------------------

Description

NISTnanosecTOshake converts from nanosecond (ns) to shake

Usage

NISTnanosecTOshake(nanosec)

Arguments

nanosec	nanosecond (ns)
---------	-----------------

Value

shake

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTnanosecTOshake(10)

NISTnewtonMeterPerMeterTOpoundForceFtPerInch*Convert newton meter per meter to pound-force foot per inch*

Description

NISTnewtonMeterPerMeterTOpoundForceFtPerInch converts from newton meter per meter ($\text{N} \cdot \text{m/m}$) to pound-force foot per inch ($\text{lbf} \cdot \text{ft/in}$)

Usage

NISTnewtonMeterPerMeterTOpoundForceFtPerInch(newtonMeterPerMeter)

Arguments

newtonMeterPerMeter
newton meter per meter ($\text{N} \cdot \text{m/m}$)

Value

pound-force foot per inch ($\text{lbf} \cdot \text{ft/in}$)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTnewtonMeterPerMeterTOpoundForceFtPerInch(10)

NISTnewtonMeterPerMeterTOpoundForceInchPerInch

Convert newton meter per meter to pound-force inch per inch

Description

NISTnewtonMeterPerMeterTOpoundForceInchPerInch converts from newton meter per meter ($\text{N} * \text{m/m}$) to pound-force inch per inch ($\text{lbf} * \text{in/in}$)

Usage

NISTnewtonMeterPerMeterTOpoundForceInchPerInch(newtonMeterPerMeter)

Arguments

newtonMeterPerMeter
newton meter per meter ($\text{N} * \text{m/m}$)

Value

pound-force inch per inch ($\text{lbf} * \text{in/in}$)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTnewtonMeterPerMeterTOpoundForceInchPerInch(10)

NISTnewtonMeterTOdyneCm

Convert newton meter to dyne centimeter

Description

NISTnewtonMeterTOdyneCm converts from newton meter ($\text{N} \cdot \text{m}$) to dyne centimeter ($\text{dyn} \cdot \text{cm}$)

Usage

NISTnewtonMeterTOdyneCm(newtonMeter)

Arguments

newtonMeter newton meter ($\text{N} \cdot \text{m}$)

Value

dyne centimeter ($\text{dyn} \cdot \text{cm}$)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTnewtonMeterTOdyneCm(10)

NISTnewtonMeterTOkgForceMeter

Convert newton meter to kilogram-force meter

Description

NISTnewtonMeterTOkgForceMeter converts from newton meter (N * m) to kilogram-force meter (kgf * m)

Usage

NISTnewtonMeterTOkgForceMeter(newtonMeter)

Arguments

newtonMeter newton meter (N * m)

Value

kilogram-force meter (kgf * m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTnewtonMeterTOkgForceMeter(10)

NISTnewtonMeterTOounceForceInch*Convert newton meter to ounce -force inch*

Description

NISTnewtonMeterTOounceForceInch converts from newton meter ($\text{N} \cdot \text{m}$) to ounce (avoirdupois)-force inch ($\text{ozf} \cdot \text{in}$)

Usage

NISTnewtonMeterTOounceForceInch(newtonMeter)

Arguments

newtonMeter newton meter ($\text{N} \cdot \text{m}$)

Value

ounce (avoirdupois)-force inch ($\text{ozf} \cdot \text{in}$)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTnewtonMeterTOounceForceInch(10)

NISTnewtonMeterTOpoundForceFt

Convert newton meter to pound-force foot

Description

NISTnewtonMeterTOpoundForceFt converts from newton meter (N * m) to pound-force foot (lbf * ft)

Usage

NISTnewtonMeterTOpoundForceFt(newtonMeter)

Arguments

newtonMeter newton meter (N * m)

Value

pound-force foot (lbf * ft)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTnewtonMeterTOpoundForceFt(10)

NISTnewtonMeterTOpoundForceInch

Convert newton meter to pound-force inch

Description

NISTnewtonMeterTOpoundForceInch converts from newton meter ($\text{N} \cdot \text{m}$) to pound-force inch ($\text{lbf} \cdot \text{in}$)

Usage

NISTnewtonMeterTOpoundForceInch(newtonMeter)

Arguments

newtonMeter newton meter ($\text{N} \cdot \text{m}$)

Value

pound-force inch ($\text{lbf} \cdot \text{in}$)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTnewtonMeterTOpoundForceInch(10)

NISTnewtonPerKgTOpoundForcePerPound

Convert newton per kilogram to pound-force per pound

Description

NISTnewtonPerKgTOpoundForcePerPound converts from newton per kilogram (N/kg) to pound-force per pound (lbf/lb) (thrust to mass ratio)

Usage

NISTnewtonPerKgTOpoundForcePerPound(newtonPerKg)

Arguments

newtonPerKg newton per kilogram (N/kg)

Value

pound-force per pound (lbf/lb) (thrust to mass ratio)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTnewtonPerKgTOpoundForcePerPound(10)

NISTnewtonPerMeterTOpoundForcePerFt*Convert newton per meter to pound-force per foot*

Description

NISTnewtonPerMeterTOpoundForcePerFt converts from newton per meter (N/m) to pound-force per foot (lbf/ft)

Usage

NISTnewtonPerMeterTOpoundForcePerFt(newtonPerMeter)

Arguments

newtonPerMeter newton per meter (N/m)

Value

pound-force per foot (lbf/ft)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTnewtonPerMeterTOpoundForcePerFt(10)

NISTnewtonPerMeterTOpoundForcePerInch

Convert newton per meter to pound-force per inch

Description

NISTnewtonPerMeterTOpoundForcePerInch converts from newton per meter (N/m) to pound-force per inch (lbf/in)

Usage

NISTnewtonPerMeterTOpoundForcePerInch(newtonPerMeter)

Arguments

newtonPerMeter newton per meter (N/m)

Value

pound-force per inch (lbf/in)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTnewtonPerMeterTOpoundForcePerInch(10)

NISTnewtonTOdyne	<i>Convert newton to dyne</i>
------------------	-------------------------------

Description

NISTnewtonTOdyne converts from newton (N) to dyne (dyn)

Usage

NISTnewtonTOdyne(newton)

Arguments

newton	newton (N)
--------	------------

Value

dyne (dyn)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTnewtonTOdyne(10)

NISTnewtonTOkgForce	<i>Convert newton to kilogram-force</i>
---------------------	---

Description

NISTnewtonTOkgForce converts from newton (N) to kilogram-force (kgf)

Usage

NISTnewtonTOkgForce(newton)

Arguments

newton	newton (N)
--------	------------

Value

kilogram-force (kgf)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTnewtonTOkgForce(10)

NISTnewtonTOkilopond *Convert newton to kilopond*

Description

NISTnewtonTOkilopond converts from newton (N) to kilopond (kilogram-force) (kp)

Usage

NISTnewtonTOkilopond(newton)

Arguments

newton newton (N)

Value

kilopond (kilogram-force) (kp)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTnewtonTOkilopond(10)

NISTnewtonTOkip	<i>Convert newton to kip</i>
-----------------	------------------------------

Description

NISTnewtonTOkip converts from newton (N) to kip (1 kip= 1000 lbf)

Usage

NISTnewtonTOkip(newton)

Arguments

newton	newton (N)
--------	------------

Value

kip (1 kip= 1000 lbf)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTnewtonTOkip(10)

NISTnewtonTOounceForce

Convert newton to ounce -force

Description

NISTnewtonTOounceForce converts from newton (N) to ounce (avoirdupois)-force (ozf)

Usage

NISTnewtonTOounceForce(newton)

Arguments

newton	newton (N)
--------	------------

Value

ounce (avoirdupois)-force (ozf)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTnewtonTOounceForce(10)

NISTnewtonTOpoundal	<i>Convert newton to poundal</i>
---------------------	----------------------------------

Description

NISTnewtonTOpoundal converts from newton (N) to poundal

Usage

NISTnewtonTOpoundal(newton)

Arguments

newton	newton (N)
--------	------------

Value

poundal

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTnewtonTOpoundal(10)

NISTnewtonTOpoundForce*Convert newton to pound-force 23*

Description

NISTnewtonTOpoundForce converts from newton (N) to pound-force (lbf) 23

Usage

NISTnewtonTOpoundForce(newton)

Arguments

newton	newton (N)
--------	------------

Value

pound-force (lbf) 23

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTnewtonTOpoundForce(10)

NISTnewtonTOtonForce *Convert newton to ton-force*

Description

NISTnewtonTOtonForce converts from newton (N) to ton-force (2000 lbf)

Usage

NISTnewtonTOtonForce(newton)

Arguments

newton newton (N)

Value

ton-force (2000 lbf)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTnewtonTOtonForce(10)

NISToerstedTOamperePerMeter

Convert oersted to ampere per meter

Description

NISToerstedTOamperePerMeter converts from oersted (Oe) to ampere per meter (A/m)

Usage

NISToerstedTOamperePerMeter(oersted)

Arguments

oersted oersted (Oe)

Value

ampere per meter (A/m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISToerstedTOamperePerMeter(10)

NISTohmCircularMilPerFtTOhmMeter

Convert ohm circular-mil per foot to ohm meter

Description

NISTohmCircularMilPerFtTOhmMeter converts from ohm circular-mil per foot to ohm meter (ohm * m)

Usage

NISTohmCircularMilPerFtTOhmMeter(ohmCircularMilPerFt)

Arguments

ohmCircularMilPerFt
ohm circular-mil per foot

Value

ohm meter (ohm * m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTohmCircularMilPerFtTOhmMeter(10)

`NISTohmCircularMilPerFtTOhmSqrMillimeterPerMeter`*Convert ohm circular-mil per foot to ohm square millimeter per meter*

Description

`NISTohmCircularMilPerFtTOhmSqrMillimeterPerMeter` converts from ohm circular-mil per foot to ohm square millimeter per meter (ohm * mm²/m)

Usage

```
NISTohmCircularMilPerFtTOhmSqrMillimeterPerMeter(ohmCircularMilPerFt)
```

Arguments

```
ohmCircularMilPerFt  
    ohm circular-mil per foot
```

Value

ohm square millimeter per meter (ohm * mm²/m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
NISTohmCircularMilPerFtTOhmSqrMillimeterPerMeter(10)
```

NISTohmCmTOohmMeter	<i>Convert ohm centimeter to ohm meter</i>
---------------------	--

Description

NISTohmCmTOohmMeter converts from ohm centimeter (ohm * cm) to ohm meter (ohm * m)

Usage

NISTohmCmTOohmMeter(ohmCm)

Arguments

ohmCm	ohm centimeter (ohm * cm)
-------	---------------------------

Value

ohm meter (ohm * m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTohmCmTOohmMeter(10)

NISTohmMeterTOohmCircularMilPerFt*Convert ohm meter to ohm circular-mil per foot*

Description

NISTohmMeterTOohmCircularMilPerFt converts from ohm meter (ohm * m) to ohm circular-mil per foot

Usage

NISTohmMeterTOohmCircularMilPerFt(ohmMeter)

Arguments

ohmMeter ohm meter (ohm * m)

Value

ohm circular-mil per foot

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTohmMeterTOohmCircularMilPerFt(10)

NISTohmMeterTOohmCm	<i>Convert ohm meter to ohm centimeter</i>
---------------------	--

Description

NISTohmMeterTOohmCm converts from ohm meter (ohm * m) to ohm centimeter (ohm * cm)

Usage

NISTohmMeterTOohmCm(ohmMeter)

Arguments

ohmMeter	ohm meter (ohm * m)
----------	---------------------

Value

ohm centimeter (ohm * cm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTohmMeterTOohmCm(10)

NISTohmSqrMillimeterPerMeterTOohmCircularMilPerFt

Convert ohm square millimeter per meter to ohm circular-mil per foot

Description

NISTohmSqrMillimeterPerMeterTOohmCircularMilPerFt converts from ohm square millimeter per meter ($\text{ohm} \cdot \text{mm}^2/\text{m}$) to ohm circular-mil per foot

Usage

NISTohmSqrMillimeterPerMeterTOohmCircularMilPerFt(ohmSqrMillimeterPerMeter)

Arguments

ohmSqrMillimeterPerMeter
ohm square millimeter per meter ($\text{ohm} \cdot \text{mm}^2/\text{m}$)

Value

ohm circular-mil per foot

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTohmSqrMillimeterPerMeterTOohmCircularMilPerFt(10)

NISTohmTOabohm	<i>Convert ohm to abohm</i>
----------------	-----------------------------

Description

NISTohmTOabohm converts from ohm (ohm) to abohm

Usage

NISTohmTOabohm(ohm)

Arguments

ohm	ohm (ohm)
-----	-----------

Value

abohm

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTohmTOabohm(10)

NISTohmToEMUOfResistance

Convert ohm to EMU of resistance

Description

NISTohmToEMUOfResistance converts from ohm (ohm) to EMU of resistance (abohm)

Usage

NISTohmToEMUOfResistance(ohm)

Arguments

ohm	ohm (ohm)
-----	-----------

Value

EMU of resistance (abohm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTohmToEMUOfResistance(10)

NISTohmToESUOfResistance

Convert ohm to ESU of resistance

Description

NISTohmToESUOfResistance converts from ohm (ohm) to ESU of resistance (statohm)

Usage

NISTohmToESUOfResistance(ohm)

Arguments

ohm ohm (ohm)

Value

ESU of resistance (statohm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTohmToESUOfResistance(10)

NISTohmTostatohm	<i>Convert ohm to statohm</i>
------------------	-------------------------------

Description

NISTohmTostatohm converts from ohm (ohm) to statohm

Usage

NISTohmTostatohm(ohm)

Arguments

ohm	ohm (ohm)
-----	-----------

Value

statohm

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTohmTostatohm(10)

NISTounceAvoirdupoisTOgram

Convert ounce to gram

Description

NISTounceAvoirdupoisTOgram converts from ounce (avoirdupois) (oz) to gram (g)

Usage

NISTounceAvoirdupoisTOgram(ounceAvoirdupois)

Arguments

ounceAvoirdupois

ounce (avoirdupois) (oz)

Value

gram (g)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTounceAvoirdupoisTOgram(10)

NISTounceAvoirdupoisTOkg

Convert ounce to kilogram

Description

NISTounceAvoirdupoisTOkg converts from ounce (avoirdupois) (oz) to kilogram (kg)

Usage

NISTounceAvoirdupoisTOkg(ounceAvoirdupois)

Arguments

ounceAvoirdupois

ounce (avoirdupois) (oz)

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTounceAvoirdupoisTOkg(10)

NISTounceForceInchTOMillinewtonMeter

Convert ounce -force inch to millinewton meter

Description

NISTounceForceInchTOMillinewtonMeter converts from ounce (avoirdupois)-force inch (ozf * in) to millinewton meter (mN * m)

Usage

NISTounceForceInchTOMillinewtonMeter(ounceForceInch)

Arguments

ounceForceInch ounce (avoirdupois)-force inch (ozf * in)

Value

millinewton meter (mN * m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTounceForceInchTOMillinewtonMeter(10)

NISTounceForceInchTOnewtonMeter

Convert ounce -force inch to newton meter

Description

NISTounceForceInchTOnewtonMeter converts from ounce (avoirdupois)-force inch (ozf * in) to newton meter (N * m)

Usage

NISTounceForceInchTOnewtonMeter(ounceForceInch)

Arguments

ounceForceInch ounce (avoirdupois)-force inch (ozf * in)

Value

newton meter (N * m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTounceForceInchTOnewtonMeter(10)

NISTounceForceTONewton

Convert ounce -force to newton

Description

NISTounceForceTONewton converts from ounce (avoirdupois)-force (ozf) to newton (N)

Usage

NISTounceForceTONewton(ounceForce)

Arguments

ounceForce ounce (avoirdupois)-force (ozf)

Value

newton (N)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTounceForceTONewton(10)

`NISTounceImperialPerGallonTOgramPerLiter`*Convert ounce per gallon to gram per liter*

Description

`NISTounceImperialPerGallonTOgramPerLiter` converts from ounce (avoirdupois) per gallon [Canadian and U.K. (Imperial)] (oz/gal) to gram per liter (g/L)

Usage

```
NISTounceImperialPerGallonTOgramPerLiter(ounceImperialPerGallon)
```

Arguments

```
ounceImperialPerGallon
```

ounce (avoirdupois) per gallon [Canadian and U.K. (Imperial)] (oz/gal)

Value

gram per liter (g/L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
NISTounceImperialPerGallonTOgramPerLiter(10)
```

NISTounceImperialPerGallonTOkgPerCubMeter

Convert ounce per gallon to kilogram per cubic meter

Description

NISTounceImperialPerGallonTOkgPerCubMeter converts from ounce (avoirdupois) per gallon [Canadian and U.K. (Imperial)] (oz/gal) to kilogram per cubic meter (kg/m³)

Usage

NISTounceImperialPerGallonTOkgPerCubMeter(ounceImperialPerGallon)

Arguments

ounceImperialPerGallon

ounce (avoirdupois) per gallon [Canadian and U.K. (Imperial)] (oz/gal)

Value

kilogram per cubic meter (kg/m³)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTounceImperialPerGallonTOkgPerCubMeter(10)

`NISTounceImperialTOcubMeter`*Convert ounce to cubic meter*

Description

`NISTounceImperialTOcubMeter` converts from ounce [Canadian and U.K. fluid (Imperial)] (fl oz) to cubic meter (m3)

Usage

```
NISTounceImperialTOcubMeter(ounceImperial)
```

Arguments

`ounceImperial` ounce [Canadian and U.K. fluid (Imperial)] (fl oz)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
NISTounceImperialTOcubMeter(10)
```

NISTounceImperialTOml *Convert ounce to milliliter*

Description

NISTounceImperialTOml converts from ounce [Canadian and U.K. fluid (Imperial)] (fl oz) to milliliter (mL)

Usage

```
NISTounceImperialTOml(ounceImperial)
```

Arguments

ounceImperial ounce [Canadian and U.K. fluid (Imperial)] (fl oz)

Value

milliliter (mL)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
NISTounceImperialTOml(10)
```

NISTouncePerCubInchTOkgPerCubMeter

Convert ounce per cubic inch to kilogram per cubic meter

Description

NISTouncePerCubInchTOkgPerCubMeter converts from ounce (avoirdupois) per cubic inch (oz/in³) to kilogram per cubic meter (kg/m³)

Usage

NISTouncePerCubInchTOkgPerCubMeter(ouncePerCubInch)

Arguments

ouncePerCubInch
ounce (avoirdupois) per cubic inch (oz/in³)

Value

kilogram per cubic meter (kg/m³)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTouncePerCubInchTOkgPerCubMeter(10)

NISTouncePerGallonTOgramPerLiter

Convert ounce per gallon to gram per liter

Description

NISTouncePerGallonTOgramPerLiter converts from ounce (avoirdupois) per gallon (U.S.) (oz/gal) to gram per liter (g/L)

Usage

NISTouncePerGallonTOgramPerLiter(ouncePerGallon)

Arguments

ouncePerGallon ounce (avoirdupois) per gallon (U.S.) (oz/gal)

Value

gram per liter (g/L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTouncePerGallonTOgramPerLiter(10)

NISTouncePerGallonTOkgPerCubMeter

Convert ounce per gallon to kilogram per cubic meter

Description

NISTouncePerGallonTOkgPerCubMeter converts from ounce (avoirdupois) per gallon (U.S.) (oz/gal) to kilogram per cubic meter (kg/m³)

Usage

NISTouncePerGallonTOkgPerCubMeter(ouncePerGallon)

Arguments

ouncePerGallon ounce (avoirdupois) per gallon (U.S.) (oz/gal)

Value

kilogram per cubic meter (kg/m³)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTouncePerGallonTOkgPerCubMeter(10)

NISTouncePerSqrFtTOkgPerSqrMeter

Convert ounce per square foot to kilogram per square meter

Description

NISTouncePerSqrFtTOkgPerSqrMeter converts from ounce (avoirdupois) per square foot (oz/ft²) to kilogram per square meter (kg/m²)

Usage

NISTouncePerSqrFtTOkgPerSqrMeter(ouncePerSqrFt)

Arguments

ouncePerSqrFt ounce (avoirdupois) per square foot (oz/ft²)

Value

kilogram per square meter (kg/m²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTouncePerSqrFtTOkgPerSqrMeter(10)

NISTouncePerSqrInchTOkgPerSqrMeter

Convert ounce per square inch to kilogram per square meter

Description

NISTouncePerSqrInchTOkgPerSqrMeter converts from ounce (avoirdupois) per square inch (oz/in²) to kilogram per square meter (kg/m²)

Usage

NISTouncePerSqrInchTOkgPerSqrMeter(ouncePerSqrInch)

Arguments

ouncePerSqrInch
ounce (avoirdupois) per square inch (oz/in²)

Value

kilogram per square meter (kg/m²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTouncePerSqrInchTOkgPerSqrMeter(10)

NISTouncePerSqrYardTOkgPerSqrMeter

Convert ounce per square yard to kilogram per square meter

Description

NISTouncePerSqrYardTOkgPerSqrMeter converts from ounce (avoirdupois) per square yard (oz/yd2) to kilogram per square meter (kg/m2)

Usage

NISTouncePerSqrYardTOkgPerSqrMeter(ouncePerSqrYard)

Arguments

ouncePerSqrYard

ounce (avoirdupois) per square yard (oz/yd2)

Value

kilogram per square meter (kg/m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTouncePerSqrYardTOkgPerSqrMeter(10)

NISTounceTOcubMeter	<i>Convert ounce to cubic meter</i>
---------------------	-------------------------------------

Description

NISTounceTOcubMeter converts from ounce (U.S. fluid) (fl oz) to cubic meter (m3)

Usage

NISTounceTOcubMeter(ounce)

Arguments

ounce	ounce (U.S. fluid) (fl oz)
-------	----------------------------

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTounceTOcubMeter(10)

NISTounceTOml

Convert ounce to milliliter

Description

NISTounceTOml converts from ounce (U.S. fluid) (fl oz) to milliliter (mL)

Usage

NISTounceTOml(ounce)

Arguments

ounce ounce (U.S. fluid) (fl oz)

Value

milliliter (mL)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTounceTOml(10)

NISTounceTroyTOgram	<i>Convert ounce to gram</i>
---------------------	------------------------------

Description

NISTounceTroyTOgram converts from ounce (troy or apothecary) (oz) to gram (g)

Usage

NISTounceTroyTOgram(ounceTroy)

Arguments

ounceTroy	ounce (troy or apothecary) (oz)
-----------	---------------------------------

Value

gram (g)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTounceTroyTOgram(10)

NISTounceTroyTOkg	<i>Convert ounce to kilogram</i>
-------------------	----------------------------------

Description

NISTounceTroyTOkg converts from ounce (troy or apothecary) (oz) to kilogram (kg)

Usage

NISTounceTroyTOkg(ounceTroy)

Arguments

ounceTroy ounce (troy or apothecary) (oz)

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTounceTroyTOkg(10)

NISTparsecTometer	<i>Convert parsec to meter</i>
-------------------	--------------------------------

Description

NISTparsecTometer converts from parsec (pc) to meter (m)

Usage

NISTparsecTometer(parsec)

Arguments

parsec	parsec (pc)
--------	-------------

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTparsecTometer(10)

NISTpascalSecTOcentipoise

Convert pascal second to centipoise

Description

NISTpascalSecTOcentipoise converts from pascal second (Pa * s) to centipoise (cP)

Usage

NISTpascalSecTOcentipoise(pascalSec)

Arguments

pascalSec pascal second (Pa * s)

Value

centipoise (cP)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpascalSecTOcentipoise(10)

NISTpascalSecTOpoise *Convert pascal second to poise*

Description

NISTpascalSecTOpoise converts from pascal second (Pa * s) to poise (P)

Usage

NISTpascalSecTOpoise(pascalSec)

Arguments

pascalSec pascal second (Pa * s)

Value

poise (P)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpascalSecTOpoise(10)

NISTpascalSecTOpoundalSecPerSqrFt

Convert pascal second to poundal second per square foot

Description

NISTpascalSecTOpoundalSecPerSqrFt converts from pascal second (Pa * s) to poundal second per square foot

Usage

NISTpascalSecTOpoundalSecPerSqrFt(pascalSec)

Arguments

pascalSec pascal second (Pa * s)

Value

poundal second per square foot

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpascalSecTOpoundalSecPerSqrFt(10)

`NISTpascalSecTOpoundForceSecPerSqrFt`*Convert pascal second to pound-force second per square foot*

Description

`NISTpascalSecTOpoundForceSecPerSqrFt` converts from pascal second ($\text{Pa} \cdot \text{s}$) to pound-force second per square foot ($\text{lbf} \cdot \text{s}/\text{ft}^2$)

Usage

`NISTpascalSecTOpoundForceSecPerSqrFt(pascalSec)`

Arguments

`pascalSec` pascal second ($\text{Pa} \cdot \text{s}$)

Value

pound-force second per square foot ($\text{lbf} \cdot \text{s}/\text{ft}^2$)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

`NISTpascalSecTOpoundForceSecPerSqrFt(10)`

NISTpascalSecTOpoundForceSecPerSqrInch

Convert pascal second to pound-force second per square inch

Description

NISTpascalSecTOpoundForceSecPerSqrInch converts from pascal second ($\text{Pa} \cdot \text{s}$) to pound-force second per square inch ($\text{lbf} \cdot \text{s}/\text{in}^2$)

Usage

NISTpascalSecTOpoundForceSecPerSqrInch(pascalSec)

Arguments

pascalSec pascal second ($\text{Pa} \cdot \text{s}$)

Value

pound-force second per square inch ($\text{lbf} \cdot \text{s}/\text{in}^2$)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpascalSecTOpoundForceSecPerSqrInch(10)

NISTpascalSecTOpoundPerFtHour

Convert pascal second to pound per foot hour

Description

NISTpascalSecTOpoundPerFtHour converts from pascal second (Pa * s) to pound per foot hour [lb/(ft * h)]

Usage

NISTpascalSecTOpoundPerFtHour(pascalSec)

Arguments

pascalSec pascal second (Pa * s)

Value

pound per foot hour [lb/(ft * h)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpascalSecTOpoundPerFtHour(10)

NISTpascalSecTOpoundPerFtSec

Convert pascal second to pound per foot second

Description

NISTpascalSecTOpoundPerFtSec converts from pascal second (Pa * s) to pound per foot second [lb/(ft * s)]

Usage

NISTpascalSecTOpoundPerFtSec(pascalSec)

Arguments

pascalSec pascal second (Pa * s)

Value

pound per foot second [lb/(ft * s)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTpascalSecTOpoundPerFtSec(10)

NISTpascalSecT0slugPerFtSec

Convert pascal second to slug per foot second

Description

NISTpascalSecT0slugPerFtSec converts from pascal second (Pa * s) to slug per foot second [slug/(ft * s)]

Usage

NISTpascalSecT0slugPerFtSec(pascalSec)

Arguments

pascalSec pascal second (Pa * s)

Value

slug per foot second [slug/(ft * s)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpascalSecT0slugPerFtSec(10)

NISTpascalTOatmosphereStd

Convert pascal to atmosphere, standard

Description

NISTpascalTOatmosphereStd converts from pascal (Pa) to atmosphere, standard (atm)

Usage

NISTpascalTOatmosphereStd(pascal)

Arguments

pascal pascal (Pa)

Value

atmosphere, standard (atm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpascalTOatmosphereStd(10)

`NISTpascalTOatmosphereTechnical`*Convert pascal to atmosphere, technical 8*

Description

NISTpascalTOatmosphereTechnical converts from pascal (Pa) to atmosphere, technical (at) 8

Usage

`NISTpascalTOatmosphereTechnical(pascal)`

Arguments

pascal	pascal (Pa)
--------	-------------

Value

atmosphere, technical (at) 8

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

`NISTpascalTOatmosphereTechnical(10)`

NISTpascalTObar	<i>Convert pascal to bar</i>
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Description

NISTpascalTObar converts from pascal (Pa) to bar (bar)

Usage

NISTpascalTObar(pascal)

Arguments

pascal	pascal (Pa)
--------	-------------

Value

bar (bar)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpascalTObar(10)

NISTpascalTOcmOfMercury*Convert pascal to centimeter of mercury 12*

Description

NISTpascalTOcmOfMercury converts from pascal (Pa) to centimeter of mercury (0 C) 12

Usage

NISTpascalTOcmOfMercury(pascal)

Arguments

pascal pascal (Pa)

Value

centimeter of mercury (0 C) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpascalTOcmOfMercury(10)

NISTpascalTOcmOfMercuryConvtnl

Convert pascal to centimeter of mercury, conventional 12

Description

NISTpascalTOcmOfMercuryConvtnl converts from pascal (Pa) to centimeter of mercury, conventional (cmHg) 12

Usage

NISTpascalTOcmOfMercuryConvtnl(pascal)

Arguments

pascal pascal (Pa)

Value

centimeter of mercury, conventional (cmHg) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTpascalTOcmOfMercuryConvtnl(10)

NISTpascalTOcmOfWater *Convert pascal to centimeter of water 12*

Description

NISTpascalTOcmOfWater converts from pascal (Pa) to centimeter of water (4 C) 12

Usage

NISTpascalTOcmOfWater(pascal)

Arguments

pascal pascal (Pa)

Value

centimeter of water (4 C) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTpascalTOcmOfWater(10)

NISTpascalTOcmOfWaterConvtnl

Convert pascal to centimeter of water, conventional 12

Description

NISTpascalTOcmOfWaterConvtnl converts from pascal (Pa) to centimeter of water, conventional (cmH₂O) 12

Usage

NISTpascalTOcmOfWaterConvtnl(pascal)

Arguments

pascal pascal (Pa)

Value

centimeter of water, conventional (cmH₂O) 12

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTpascalTOcmOfWaterConvtnl(10)

NISTpascalTOdynePerSqrCm

Convert pascal to dyne per square centimeter

Description

NISTpascalTOdynePerSqrCm converts from pascal (Pa) to dyne per square centimeter (dyn/cm²)

Usage

NISTpascalTOdynePerSqrCm(pascal)

Arguments

pascal pascal (Pa)

Value

dyne per square centimeter (dyn/cm²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpascalTOdynePerSqrCm(10)

NISTpascalTOftOfMercuryConvtnl

Convert pascal to foot of mercury, conventional 12

Description

NISTpascalTOftOfMercuryConvtnl converts from pascal (Pa) to foot of mercury, conventional (ftHg) 12

Usage

NISTpascalTOftOfMercuryConvtnl(pascal)

Arguments

pascal pascal (Pa)

Value

foot of mercury, conventional (ftHg) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpascalTOftOfMercuryConvtnl(10)

NISTpascalTOftOfWater *Convert pascal to foot of water 12*

Description

NISTpascalTOftOfWater converts from pascal (Pa) to foot of water (39.2 F) 12

Usage

NISTpascalTOftOfWater(pascal)

Arguments

pascal pascal (Pa)

Value

foot of water (39.2 F) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpascalTOftOfWater(10)

NISTpascalTOftOfWaterConvtnl

Convert pascal to foot of water, conventional 12

Description

NISTpascalTOftOfWaterConvtnl converts from pascal (Pa) to foot of water, conventional (ftH₂O)
12

Usage

NISTpascalTOftOfWaterConvtnl(pascal)

Arguments

pascal pascal (Pa)

Value

foot of water, conventional (ftH₂O) 12

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTpascalTOftOfWaterConvtnl(10)

`NISTpascalTOgramForcePerSqrCm`*Convert pascal to gram-force per square centimeter*

Description

NISTpascalTOgramForcePerSqrCm converts from pascal (Pa) to gram-force per square centimeter (gf/cm²)

Usage

NISTpascalTOgramForcePerSqrCm(pascal)

Arguments

pascal	pascal (Pa)
--------	-------------

Value

gram-force per square centimeter (gf/cm²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpascalTOgramForcePerSqrCm(10)

NISTpascalTOinchOfMercury32F

Convert pascal to inch of mercury 12

Description

NISTpascalTOinchOfMercury32F converts from pascal (Pa) to inch of mercury (32 F) 12

Usage

NISTpascalTOinchOfMercury32F(pascal)

Arguments

pascal pascal (Pa)

Value

inch of mercury (32 F) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpascalTOinchOfMercury32F(10)

NISTpascalTOinchOfMercury60F*Convert pascal to inch of mercury 12*

Description

NISTpascalTOinchOfMercury60F converts from pascal (Pa) to inch of mercury (60 F) 12

Usage

NISTpascalTOinchOfMercury60F(pascal)

Arguments

pascal pascal (Pa)

Value

inch of mercury (60 F) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpascalTOinchOfMercury60F(10)

NISTpascalTOinchOfMercuryConvtnl

Convert pascal to inch of mercury, conventional 12

Description

NISTpascalTOinchOfMercuryConvtnl converts from pascal (Pa) to inch of mercury, conventional (inHg) 12

Usage

NISTpascalTOinchOfMercuryConvtnl(pascal)

Arguments

pascal pascal (Pa)

Value

inch of mercury, conventional (inHg) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTpascalTOinchOfMercuryConvtnl(10)

NISTpascalTOinchOfWater39.2F

Convert pascal to inch of water 12

Description

NISTpascalTOinchOfWater39.2F converts from pascal (Pa) to inch of water (39.2 F) 12

Usage

NISTpascalTOinchOfWater39.2F(pascal)

Arguments

pascal pascal (Pa)

Value

inch of water (39.2 F) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpascalTOinchOfWater39.2F(10)

NISTpascalTOinchOfWater60F

Convert pascal to inch of water 12

Description

NISTpascalTOinchOfWater60F converts from pascal (Pa) to inch of water (60 F) 12

Usage

NISTpascalTOinchOfWater60F(pascal)

Arguments

pascal pascal (Pa)

Value

inch of water (60 F) 12

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTpascalTOinchOfWater60F(10)

NISTpascalTOinchOfWaterConvtnl

Convert pascal to inch of water, conventional 12

Description

NISTpascalTOinchOfWaterConvtnl converts from pascal (Pa) to inch of water, conventional (inH2O) 12

Usage

NISTpascalTOinchOfWaterConvtnl(pascal)

Arguments

pascal pascal (Pa)

Value

inch of water, conventional (inH2O) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTpascalTOinchOfWaterConvtnl(10)

NISTpascalTOkgForcePerSqrCm

Convert pascal to kilogram-force per square centimeter

Description

NISTpascalTOkgForcePerSqrCm converts from pascal (Pa) to kilogram-force per square centimeter (kgf/cm²)

Usage

NISTpascalTOkgForcePerSqrCm(pascal)

Arguments

pascal pascal (Pa)

Value

kilogram-force per square centimeter (kgf/cm²)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTpascalTOkgForcePerSqrCm(10)

NISTpascalTOkgForcePerSqrMeter*Convert pascal to kilogram-force per square meter*

Description

NISTpascalTOkgForcePerSqrMeter converts from pascal (Pa) to kilogram-force per square meter (kgf/m²)

Usage

NISTpascalTOkgForcePerSqrMeter(pascal)

Arguments

pascal pascal (Pa)

Value

kilogram-force per square meter (kgf/m²)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTpascalTOkgForcePerSqrMeter(10)

NISTpascalTOkgForcePerSqrMillimeter

Convert pascal to kilogram-force per square millimeter

Description

NISTpascalTOkgForcePerSqrMillimeter converts from pascal (Pa) to kilogram-force per square millimeter (kgf/mm²)

Usage

NISTpascalTOkgForcePerSqrMillimeter(pascal)

Arguments

pascal pascal (Pa)

Value

kilogram-force per square millimeter (kgf/mm²)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTpascalTOkgForcePerSqrMillimeter(10)

`NISTpascalTOkipPerSqrInch`*Convert pascal to kip per square inch*

Description

NISTpascalTOkipPerSqrInch converts from pascal (Pa) to kip per square inch (ksi) (kip/in²)

Usage

`NISTpascalTOkipPerSqrInch(pascal)`

Arguments

pascal	pascal (Pa)
--------	-------------

Value

kip per square inch (ksi) (kip/in²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

`NISTpascalTOkipPerSqrInch(10)`

NISTpascalTOMillibar *Convert pascal to millibar*

Description

NISTpascalTOMillibar converts from pascal (Pa) to millibar (mbar)

Usage

NISTpascalTOMillibar(pascal)

Arguments

pascal pascal (Pa)

Value

millibar (mbar)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpascalTOMillibar(10)

NISTpascalTOMillimeterOfMercuryConvtnl

Convert pascal to millimeter of mercury, conventional 12

Description

NISTpascalTOMillimeterOfMercuryConvtnl converts from pascal (Pa) to millimeter of mercury, conventional (mmHg) 12

Usage

NISTpascalTOMillimeterOfMercuryConvtnl(pascal)

Arguments

pascal pascal (Pa)

Value

millimeter of mercury, conventional (mmHg) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTpascalTOMillimeterOfMercuryConvtnl(10)

NISTpascalTOMillimeterOfWaterConvtnl

Convert pascal to millimeter of water, conventional 12

Description

NISTpascalTOMillimeterOfWaterConvtnl converts from pascal (Pa) to millimeter of water, conventional (mm H₂O) 12

Usage

NISTpascalTOMillimeterOfWaterConvtnl(pascal)

Arguments

pascal pascal (Pa)

Value

millimeter of water, conventional (mm H₂O) 12

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTpascalTOMillimeterOfWaterConvtnl(10)

NISTpascalTOpoundalPerSqrFt

Convert pascal to poundal per square foot

Description

NISTpascalTOpoundalPerSqrFt converts from pascal (Pa) to poundal per square foot

Usage

NISTpascalTOpoundalPerSqrFt(pascal)

Arguments

pascal pascal (Pa)

Value

poundal per square foot

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTpascalTOpoundalPerSqrFt(10)

NISTpascalTOpoundForcePerSqrFt

Convert pascal to pound-force per square foot

Description

NISTpascalTOpoundForcePerSqrFt converts from pascal (Pa) to pound-force per square foot (lbf/ft²)

Usage

NISTpascalTOpoundForcePerSqrFt(pascal)

Arguments

pascal pascal (Pa)

Value

pound-force per square foot (lbf/ft²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpascalTOpoundForcePerSqrFt(10)

`NISTpascalTOpoundForcePerSqrInch`*Convert pascal to pound-force per square inch*

Description

NISTpascalTOpoundForcePerSqrInch converts from pascal (Pa) to pound-force per square inch (psi) (lbf/in²)

Usage

NISTpascalTOpoundForcePerSqrInch(pascal)

Arguments

pascal pascal (Pa)

Value

pound-force per square inch (psi) (lbf/in²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpascalTOpoundForcePerSqrInch(10)

NISTpascalTOpsi	<i>Convert pascal to psi</i>
-----------------	------------------------------

Description

NISTpascalTOpsi converts from pascal (Pa) to psi (pound-force per square inch) (lbf/in²)

Usage

NISTpascalTOpsi(pascal)

Arguments

pascal	pascal (Pa)
--------	-------------

Value

psi (pound-force per square inch) (lbf/in²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpascalTOpsi(10)

NISTpascalTOtorr	<i>Convert pascal to torr</i>
------------------	-------------------------------

Description

NISTpascalTOtorr converts from pascal (Pa) to torr (Torr)

Usage

NISTpascalTOtorr(pascal)

Arguments

pascal	pascal (Pa)
--------	-------------

Value

torr (Torr)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpascalTOtorr(10)

NISTpeckTOcubMeter	<i>Convert peck to cubic meter</i>
--------------------	------------------------------------

Description

NISTpeckTOcubMeter converts from peck (U.S.) (pk) to cubic meter (m3)

Usage

NISTpeckTOcubMeter(peck)

Arguments

peck	peck (U.S.) (pk)
------	------------------

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpeckTOcubMeter(10)

NISTpeckToliter	<i>Convert peck to liter</i>
-----------------	------------------------------

Description

NISTpeckToliter converts from peck (U.S.) (pk) to liter (L)

Usage

NISTpeckToliter(peck)

Arguments

peck	peck (U.S.) (pk)
------	------------------

Value

liter (L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpeckToliter(10)

NISTpennyweightTOgram *Convert pennyweight to gram*

Description

NISTpennyweightTOgram converts from pennyweight (dwt) to gram (g)

Usage

NISTpennyweightTOgram(pennyweight)

Arguments

pennyweight pennyweight (dwt)

Value

gram (g)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpennyweightTOgram(10)

NISTpennyweightTOkg *Convert pennyweight to kilogram*

Description

NISTpennyweightTOkg converts from pennyweight (dwt) to kilogram (kg)

Usage

NISTpennyweightTOkg(pennyweight)

Arguments

pennyweight pennyweight (dwt)

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpennyweightTOkg(10)

NISTperm0Ct0kgPerPascalSecSqrMeter

Convert perm to kilogram per pascal second square meter

Description

NISTperm0Ct0kgPerPascalSecSqrMeter converts from perm (0 C) to kilogram per pascal second square meter [kg/(Pa * s * m2)]

Usage

NISTperm0Ct0kgPerPascalSecSqrMeter(perm0C)

Arguments

perm0C perm (0 C)

Value

kilogram per pascal second square meter [kg/(Pa * s * m2)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTperm0Ct0kgPerPascalSecSqrMeter(10)

NISTperm23Ct0kgPerPascalSecSqrMeter

Convert perm to kilogram per pascal second square meter

Description

NISTperm23Ct0kgPerPascalSecSqrMeter converts from perm (23 C) to kilogram per pascal second square meter [$\text{kg}/(\text{Pa} * \text{s} * \text{m}^2)$]

Usage

NISTperm23Ct0kgPerPascalSecSqrMeter(perm23C)

Arguments

perm23C perm (23 C)

Value

kilogram per pascal second square meter [$\text{kg}/(\text{Pa} * \text{s} * \text{m}^2)$]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTperm23Ct0kgPerPascalSecSqrMeter(10)

NISTpermInch0Ct0kgPerPascalSecMeter

Convert perm inch to kilogram per pascal second meter

Description

NISTpermInch0Ct0kgPerPascalSecMeter converts from perm inch (0 C) to kilogram per pascal second meter [kg/(Pa*s*m)]

Usage

NISTpermInch0Ct0kgPerPascalSecMeter(permInch0C)

Arguments

permInch0C perm inch (0 C)

Value

kilogram per pascal second meter [kg/(Pa*s*m)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpermInch0Ct0kgPerPascalSecMeter(10)

NISTpermInch23Ct0kgPerPascalSecMeter

Convert perm inch to kilogram per pascal second meter

Description

NISTpermInch23Ct0kgPerPascalSecMeter converts from perm inch (23 C) to kilogram per pascal second meter [kg/(Pa*s*m)]

Usage

NISTpermInch23Ct0kgPerPascalSecMeter(permInch23C)

Arguments

permInch23C perm inch (23 C)

Value

kilogram per pascal second meter [kg/(Pa*s*m)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpermInch23Ct0kgPerPascalSecMeter(10)

NISTphotT0lux

Convert phot to lux

Description

NISTphotT0lux converts from phot (ph) to lux (lx)

Usage

NISTphotT0lux(phot)

Arguments

phot phot (ph)

Value

lux (lx)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTphotT0lux(10)

NISTpicaComputerTOmeter

Convert pica to meter

Description

NISTpicaComputerTOmeter converts from pica (computer) (1/6 in) to meter (m)

Usage

NISTpicaComputerTOmeter(picaComputer)

Arguments

picaComputer pica (computer) (1/6 in)

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpicaComputerTOmeter(10)

NISTpicaComputerTOMillimeter

Convert pica to millimeter

Description

NISTpicaComputerTOMillimeter converts from pica (computer) (1/6 in) to millimeter (mm)

Usage

NISTpicaComputerTOMillimeter(picaComputer)

Arguments

picaComputer pica (computer) (1/6 in)

Value

millimeter (mm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpicaComputerTOMillimeter(10)

`NISTpicaPrinterTOMeter`*Convert pica to meter*

Description

`NISTpicaPrinterTOMeter` converts from pica (printer's) to meter (m)

Usage

```
NISTpicaPrinterTOMeter(picaPrinter)
```

Arguments

`picaPrinter` pica (printer's)

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
NISTpicaPrinterTOMeter(10)
```

NISTpicaPrinterTOMillimeter

Convert pica to millimeter

Description

NISTpicaPrinterTOMillimeter converts from pica (printer's) to millimeter (mm)

Usage

```
NISTpicaPrinterTOMillimeter(picaPrinter)
```

Arguments

picaPrinter pica (printer's)

Value

millimeter (mm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
NISTpicaPrinterTOMillimeter(10)
```

`NISTpintUSdryTOcubMeter`*Convert pint to cubic meter*

Description

NISTpintUSdryTOcubMeter converts from pint (U.S. dry) (dry pt) to cubic meter (m3)

Usage

```
NISTpintUSdryTOcubMeter(pintUSdry)
```

Arguments

pintUSdry	pint (U.S. dry) (dry pt)
-----------	--------------------------

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
NISTpintUSdryTOcubMeter(10)
```

NISTpintUSdryToliter *Convert pint to liter*

Description

NISTpintUSdryToliter converts from pint (U.S. dry) (dry pt) to liter (L)

Usage

NISTpintUSdryToliter(pintUSdry)

Arguments

pintUSdry pint (U.S. dry) (dry pt)

Value

liter (L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpintUSdryToliter(10)

`NISTpintUSliquidTOcubMeter`*Convert pint to cubic meter*

Description

NISTpintUSliquidTOcubMeter converts from pint (U.S. liquid) (liq pt) to cubic meter (m3)

Usage

```
NISTpintUSliquidTOcubMeter(pintUSliquid)
```

Arguments

pintUSliquid pint (U.S. liquid) (liq pt)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
NISTpintUSliquidTOcubMeter(10)
```

NISTpintUSliquidToliter

Convert pint to liter

Description

NISTpintUSliquidToliter converts from pint (U.S. liquid) (liq pt) to liter (L)

Usage

NISTpintUSliquidToliter(pintUSliquid)

Arguments

pintUSliquid pint (U.S. liquid) (liq pt)

Value

liter (L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpintUSliquidToliter(10)

`NISTpointComputerTOMeter`*Convert point to meter*

Description

NISTpointComputerTOMeter converts from point (computer) (1/72 in) to meter (m)

Usage

```
NISTpointComputerTOMeter(pointComputer)
```

Arguments

pointComputer point (computer) (1/72 in)

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
NISTpointComputerTOMeter(10)
```

NISTpointComputerTOMillimeter
Convert point to millimeter

Description

NISTpointComputerTOMillimeter converts from point (computer) (1/72 in) to millimeter (mm)

Usage

NISTpointComputerTOMillimeter(pointComputer)

Arguments

pointComputer point (computer) (1/72 in)

Value

millimeter (mm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpointComputerTOMillimeter(10)

`NISTpointPrinterTOMeter`*Convert point to meter*

Description

NISTpointPrinterTOMeter converts from point (printer's) to meter (m)

Usage

```
NISTpointPrinterTOMeter(pointPrinter)
```

Arguments

pointPrinter point (printer's)

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
NISTpointPrinterTOMeter(10)
```

NISTpointPrinterTOMillimeter
Convert point to millimeter

Description

NISTpointPrinterTOMillimeter converts from point (printer's) to millimeter (mm)

Usage

NISTpointPrinterTOMillimeter(pointPrinter)

Arguments

pointPrinter point (printer's)

Value

millimeter (mm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpointPrinterTOMillimeter(10)

NISTpoiseTOpascalSec *Convert poise to pascal second*

Description

NISTpoiseTOpascalSec converts from poise (P) to pascal second (Pa * s)

Usage

NISTpoiseTOpascalSec(poise)

Arguments

poise poise (P)

Value

pascal second (Pa * s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpoiseTOpascalSec(10)

NISTpoundalPerSqrFtTOpascal

Convert poundal per square foot to pascal

Description

NISTpoundalPerSqrFtTOpascal converts from poundal per square foot to pascal (Pa)

Usage

NISTpoundalPerSqrFtTOpascal(poundalPerSqrFt)

Arguments

poundalPerSqrFt
poundal per square foot

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpoundalPerSqrFtTOpascal(10)

NISTpoundalSecPerSqrFtTOpascalSec

Convert poundal second per square foot to pascal second

Description

NISTpoundalSecPerSqrFtTOpascalSec converts from poundal second per square foot to pascal second (Pa * s)

Usage

NISTpoundalSecPerSqrFtTOpascalSec(poundalSecPerSqrFt)

Arguments

poundalSecPerSqrFt
poundal second per square foot

Value

pascal second (Pa * s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpoundalSecPerSqrFtTOpascalSec(10)

NISTpoundalTOnewton	<i>Convert poundal to newton</i>
---------------------	----------------------------------

Description

NISTpoundalTOnewton converts from poundal to newton (N)

Usage

NISTpoundalTOnewton(poundal)

Arguments

poundal	poundal
---------	---------

Value

newton (N)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpoundalTOnewton(10)

NISTpoundAvoirdupoisTOkg

Convert pound 22 to kilogram

Description

NISTpoundAvoirdupoisTOkg converts from pound (avoirdupois) (lb) 22 to kilogram (kg)

Usage

NISTpoundAvoirdupoisTOkg(poundAvoirdupois)

Arguments

poundAvoirdupois

pound (avoirdupois) (lb) 22

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpoundAvoirdupoisTOkg(10)

NISTpoundForceFtPerInchTONewtonMeterPerMeter

Convert pound-force foot per inch to newton meter per meter

Description

NISTpoundForceFtPerInchTONewtonMeterPerMeter converts from pound-force foot per inch (lbf * ft/in) to newton meter per meter (N * m/m)

Usage

NISTpoundForceFtPerInchTONewtonMeterPerMeter (poundForceFtPerInch)

Arguments

poundForceFtPerInch
pound-force foot per inch (lbf * ft/in)

Value

newton meter per meter (N * m/m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpoundForceFtPerInchTONewtonMeterPerMeter(10)

NISTpoundForceFtTONewtonMeter

Convert pound-force foot to newton meter

Description

NISTpoundForceFtTONewtonMeter converts from pound-force foot (lbf * ft) to newton meter (N * m)

Usage

NISTpoundForceFtTONewtonMeter(poundForceFt)

Arguments

poundForceFt pound-force foot (lbf * ft)

Value

newton meter (N * m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpoundForceFtTONewtonMeter(10)

NISTpoundForceInchPerInchTONewtonMeterPerMeter

Convert pound-force inch per inch to newton meter per meter

Description

NISTpoundForceInchPerInchTONewtonMeterPerMeter converts from pound-force inch per inch (lbf * in/in) to newton meter per meter (N * m/m)

Usage

NISTpoundForceInchPerInchTONewtonMeterPerMeter(poundForceInchPerInch)

Arguments

poundForceInchPerInch
pound-force inch per inch (lbf * in/in)

Value

newton meter per meter (N * m/m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTpoundForceInchPerInchTONewtonMeterPerMeter(10)

NISTpoundForceInchTONewtonMeter

Convert pound-force inch to newton meter

Description

NISTpoundForceInchTONewtonMeter converts from pound-force inch (lbf * in) to newton meter (N * m)

Usage

NISTpoundForceInchTONewtonMeter(poundForceInch)

Arguments

poundForceInch pound-force inch (lbf * in)

Value

newton meter (N * m)

Author(s)

Jose Gama

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Examples

NISTpoundForceInchTONewtonMeter(10)

NISTpoundForcePerFtTOnewtonPerMeter

Convert pound-force per foot to newton per meter

Description

NISTpoundForcePerFtTOnewtonPerMeter converts from pound-force per foot (lbf/ft) to newton per meter (N/m)

Usage

NISTpoundForcePerFtTOnewtonPerMeter(poundForcePerFt)

Arguments

poundForcePerFt
pound-force per foot (lbf/ft)

Value

newton per meter (N/m)

Author(s)

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Examples

NISTpoundForcePerFtTOnewtonPerMeter(10)

NISTpoundForcePerInchTONewtonPerMeter

Convert pound-force per inch to newton per meter

Description

NISTpoundForcePerInchTONewtonPerMeter converts from pound-force per inch (lbf/in) to newton per meter (N/m)

Usage

NISTpoundForcePerInchTONewtonPerMeter (poundForcePerInch)

Arguments

poundForcePerInch
pound-force per inch (lbf/in)

Value

newton per meter (N/m)

Author(s)

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Examples

NISTpoundForcePerInchTONewtonPerMeter(10)

NISTpoundForcePerPoundTONewtonPerKg

Convert pound-force per pound to newton per kilogram

Description

NISTpoundForcePerPoundTONewtonPerKg converts from pound-force per pound (lbf/lb) (thrust to mass ratio) to newton per kilogram (N/kg)

Usage

NISTpoundForcePerPoundTONewtonPerKg(poundForcePerPound)

Arguments

poundForcePerPound
pound-force per pound (lbf/lb) (thrust to mass ratio)

Value

newton per kilogram (N/kg)

Author(s)

Jose Gama

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Examples

NISTpoundForcePerPoundTONewtonPerKg(10)

`NISTpoundForcePerSqrFtToPascal`*Convert pound-force per square foot to pascal*

Description

`NISTpoundForcePerSqrFtToPascal` converts from pound-force per square foot (lbf/ft²) to pascal (Pa)

Usage

`NISTpoundForcePerSqrFtToPascal(poundForcePerSqrFt)`

Arguments

`poundForcePerSqrFt`
pound-force per square foot (lbf/ft²)

Value

pascal (Pa)

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Examples

`NISTpoundForcePerSqrFtToPascal(10)`

NISTpoundForcePerSqrInchTOkpascal

Convert pound-force per square inch to kilopascal

Description

NISTpoundForcePerSqrInchTOkpascal converts from pound-force per square inch (psi) (lbf/in²) to kilopascal (kPa)

Usage

NISTpoundForcePerSqrInchTOkpascal (poundForcePerSqrInch)

Arguments

poundForcePerSqrInch
pound-force per square inch (psi) (lbf/in²)

Value

kilopascal (kPa)

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Examples

NISTpoundForcePerSqrInchTOkpascal(10)

`NISTpoundForcePerSqrInchTOpascal`*Convert pound-force per square inch to pascal*

Description

`NISTpoundForcePerSqrInchTOpascal` converts from pound-force per square inch (psi) (lbf/in²) to pascal (Pa)

Usage

`NISTpoundForcePerSqrInchTOpascal(poundForcePerSqrInch)`

Arguments

`poundForcePerSqrInch`
pound-force per square inch (psi) (lbf/in²)

Value

pascal (Pa)

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Examples

`NISTpoundForcePerSqrInchTOpascal(10)`

NISTpoundForceSecPerSqrFtTOpascalSec

Convert pound-force second per square foot to pascal second

Description

NISTpoundForceSecPerSqrFtTOpascalSec converts from pound-force second per square foot (lbf * s/ft²) to pascal second (Pa * s)

Usage

NISTpoundForceSecPerSqrFtTOpascalSec(poundForceSecPerSqrFt)

Arguments

poundForceSecPerSqrFt
pound-force second per square foot (lbf * s/ft²)

Value

pascal second (Pa * s)

Author(s)

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Examples

NISTpoundForceSecPerSqrFtTOpascalSec(10)

NISTpoundForceSecPerSqrInchTOpascalSec

Convert pound-force second per square inch to pascal second

Description

NISTpoundForceSecPerSqrInchTOpascalSec converts from pound-force second per square inch ($\text{lbf} \cdot \text{s}/\text{in}^2$) to pascal second ($\text{Pa} \cdot \text{s}$)

Usage

NISTpoundForceSecPerSqrInchTOpascalSec(poundForceSecPerSqrInch)

Arguments

poundForceSecPerSqrInch
pound-force second per square inch ($\text{lbf} \cdot \text{s}/\text{in}^2$)

Value

pascal second ($\text{Pa} \cdot \text{s}$)

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Examples

NISTpoundForceSecPerSqrInchTOpascalSec(10)

NISTpoundForceTONewton

Convert pound-force 23 to newton

Description

NISTpoundForceTONewton converts from pound-force (lbf) 23 to newton (N)

Usage

NISTpoundForceTONewton(poundForce)

Arguments

poundForce pound-force (lbf) 23

Value

newton (N)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTpoundForceTONewton(10)

NISTpoundFtSqrDTokgMeterSqrD*Convert pound foot squared to kilogram meter squared*

Description

NISTpoundFtSqrDTokgMeterSqrD converts from pound foot squared ($\text{lb} * \text{ft}^2$) to kilogram meter squared ($\text{kg} * \text{m}^2$)

Usage

NISTpoundFtSqrDTokgMeterSqrD(poundFtSqrD)

Arguments

poundFtSqrD pound foot squared ($\text{lb} * \text{ft}^2$)

Value

kilogram meter squared ($\text{kg} * \text{m}^2$)

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Examples

NISTpoundFtSqrDTokgMeterSqrD(10)

NISTpoundInchSqrDTokgMeterSqrD

Convert pound inch squared to kilogram meter squared

Description

NISTpoundInchSqrDTokgMeterSqrD converts from pound inch squared (lb * in²) to kilogram meter squared (kg * m²)

Usage

NISTpoundInchSqrDTokgMeterSqrD(poundInchSqrD)

Arguments

poundInchSqrD pound inch squared (lb * in²)

Value

kilogram meter squared (kg * m²)

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Examples

NISTpoundInchSqrDTokgMeterSqrD(10)

NISTpoundPerCubFtTOkgPerCubMeter

Convert pound per cubic foot to kilogram per cubic meter

Description

NISTpoundPerCubFtTOkgPerCubMeter converts from pound per cubic foot (lb/ft³) to kilogram per cubic meter (kg/m³)

Usage

NISTpoundPerCubFtTOkgPerCubMeter (poundPerCubFt)

Arguments

poundPerCubFt pound per cubic foot (lb/ft³)

Value

kilogram per cubic meter (kg/m³)

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Examples

NISTpoundPerCubFtTOkgPerCubMeter(10)

NISTpoundPerCubInchTOkgPerCubMeter

Convert pound per cubic inch to kilogram per cubic meter

Description

NISTpoundPerCubInchTOkgPerCubMeter converts from pound per cubic inch (lb/in³) to kilogram per cubic meter (kg/m³)

Usage

NISTpoundPerCubInchTOkgPerCubMeter(poundPerCubInch)

Arguments

poundPerCubInch
pound per cubic inch (lb/in³)

Value

kilogram per cubic meter (kg/m³)

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Examples

NISTpoundPerCubInchTOkgPerCubMeter(10)

NISTpoundPerCubYardTOkgPerCubMeter

Convert pound per cubic yard to kilogram per cubic meter

Description

NISTpoundPerCubYardTOkgPerCubMeter converts from pound per cubic yard (lb/yd³) to kilogram per cubic meter (kg/m³)

Usage

NISTpoundPerCubYardTOkgPerCubMeter(poundPerCubYard)

Arguments

poundPerCubYard
pound per cubic yard (lb/yd³)

Value

kilogram per cubic meter (kg/m³)

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Examples

NISTpoundPerCubYardTOkgPerCubMeter(10)

NISTpoundPerFtHourTOpascalSec

Convert pound per foot hour to pascal second

Description

NISTpoundPerFtHourTOpascalSec converts from pound per foot hour [lb/(ft * h)] to pascal second (Pa * s)

Usage

NISTpoundPerFtHourTOpascalSec(poundPerFtHour)

Arguments

poundPerFtHour pound per foot hour [lb/(ft * h)]

Value

pascal second (Pa * s)

Author(s)

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Examples

NISTpoundPerFtHourTOpascalSec(10)

NISTpoundPerFtSecTOpascalSec

Convert pound per foot second to pascal second

Description

NISTpoundPerFtSecTOpascalSec converts from pound per foot second [lb/(ft * s)] to pascal second (Pa * s)

Usage

NISTpoundPerFtSecTOpascalSec(poundPerFtSec)

Arguments

poundPerFtSec pound per foot second [lb/(ft * s)]

Value

pascal second (Pa * s)

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Jose Gama

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Examples

NISTpoundPerFtSecTOpascalSec(10)

NISTpoundPerFtTOkgPerMeter

Convert pound per foot to kilogram per meter

Description

NISTpoundPerFtTOkgPerMeter converts from pound per foot (lb/ft) to kilogram per meter (kg/m)

Usage

NISTpoundPerFtTOkgPerMeter(poundPerFt)

Arguments

poundPerFt pound per foot (lb/ft)

Value

kilogram per meter (kg/m)

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Examples

NISTpoundPerFtTOkgPerMeter(10)

NISTpoundPerGallonImperialTOkgPerCubMeter

Convert pound per gallon to kilogram per cubic meter

Description

NISTpoundPerGallonImperialTOkgPerCubMeter converts from pound per gallon [Canadian and U.K. (Imperial)] (lb/gal) to kilogram per cubic meter (kg/m³)

Usage

NISTpoundPerGallonImperialTOkgPerCubMeter(poundPerGallonImperial)

Arguments

poundPerGallonImperial

pound per gallon [Canadian and U.K. (Imperial)] (lb/gal)

Value

kilogram per cubic meter (kg/m³)

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Examples

NISTpoundPerGallonImperialTOkgPerCubMeter(10)

NISTpoundPerGallonImperialTOkgPerLiter

Convert pound per gallon to kilogram per liter

Description

NISTpoundPerGallonImperialTOkgPerLiter converts from pound per gallon [Canadian and U.K. (Imperial)] (lb/gal) to kilogram per liter (kg/L)

Usage

NISTpoundPerGallonImperialTOkgPerLiter(poundPerGallonImperial)

Arguments

poundPerGallonImperial
pound per gallon [Canadian and U.K. (Imperial)] (lb/gal)

Value

kilogram per liter (kg/L)

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Examples

NISTpoundPerGallonImperialTOkgPerLiter(10)

NISTpoundPerGallonTOkgPerCubMeter

Convert pound per gallon to kilogram per cubic meter

Description

NISTpoundPerGallonTOkgPerCubMeter converts from pound per gallon (U.S.) (lb/gal) to kilogram per cubic meter (kg/m³)

Usage

NISTpoundPerGallonTOkgPerCubMeter(poundPerGallon)

Arguments

poundPerGallon pound per gallon (U.S.) (lb/gal)

Value

kilogram per cubic meter (kg/m³)

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Examples

NISTpoundPerGallonTOkgPerCubMeter(10)

NISTpoundPerGallonTOkgPerLiter

Convert pound per gallon to kilogram per liter

Description

NISTpoundPerGallonTOkgPerLiter converts from pound per gallon (U.S.) (lb/gal) to kilogram per liter (kg/L)

Usage

NISTpoundPerGallonTOkgPerLiter(poundPerGallon)

Arguments

poundPerGallon pound per gallon (U.S.) (lb/gal)

Value

kilogram per liter (kg/L)

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Examples

NISTpoundPerGallonTOkgPerLiter(10)

NISTpoundPerHorsepowerHourTOkgPerJoule

Convert pound per horsepower hour to kilogram per joule

Description

NISTpoundPerHorsepowerHourTOkgPerJoule converts from pound per horsepower hour [lb/(hp * h)] to kilogram per joule (kg/J)

Usage

NISTpoundPerHorsepowerHourTOkgPerJoule(poundPerHorsepowerHour)

Arguments

poundPerHorsepowerHour
pound per horsepower hour [lb/(hp * h)]

Value

kilogram per joule (kg/J)

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Examples

NISTpoundPerHorsepowerHourTOkgPerJoule(10)

NISTpoundPerHourTOkgPerSec

Convert pound per hour to kilogram per second

Description

NISTpoundPerHourTOkgPerSec converts from pound per hour (lb/h) to kilogram per second (kg/s)

Usage

NISTpoundPerHourTOkgPerSec(poundPerHour)

Arguments

poundPerHour pound per hour (lb/h)

Value

kilogram per second (kg/s)

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Examples

NISTpoundPerHourTOkgPerSec(10)

NISTpoundPerInchTOkgPerMeter

Convert pound per inch to kilogram per meter

Description

NISTpoundPerInchTOkgPerMeter converts from pound per inch (lb/in) to kilogram per meter (kg/m)

Usage

NISTpoundPerInchTOkgPerMeter(poundPerInch)

Arguments

poundPerInch pound per inch (lb/in)

Value

kilogram per meter (kg/m)

Author(s)

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Examples

NISTpoundPerInchTOkgPerMeter(10)

NISTpoundPerMinTOkgPerSec

Convert pound per minute to kilogram per second

Description

NISTpoundPerMinTOkgPerSec converts from pound per minute (lb/min) to kilogram per second (kg/s)

Usage

NISTpoundPerMinTOkgPerSec(poundPerMin)

Arguments

poundPerMin pound per minute (lb/min)

Value

kilogram per second (kg/s)

Author(s)

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Examples

NISTpoundPerMinTOkgPerSec(10)

NISTpoundPerSecTOkgPerSec

Convert pound per second to kilogram per second

Description

NISTpoundPerSecTOkgPerSec converts from pound per second (lb/s) to kilogram per second (kg/s)

Usage

NISTpoundPerSecTOkgPerSec(poundPerSec)

Arguments

poundPerSec pound per second (lb/s)

Value

kilogram per second (kg/s)

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Examples

NISTpoundPerSecTOkgPerSec(10)

NISTpoundPerSqrFtTOkgPerSqrMeter

Convert pound per square foot to kilogram per square meter

Description

NISTpoundPerSqrFtTOkgPerSqrMeter converts from pound per square foot (lb/ft²) to kilogram per square meter (kg/m²)

Usage

NISTpoundPerSqrFtTOkgPerSqrMeter (poundPerSqrFt)

Arguments

poundPerSqrFt pound per square foot (lb/ft²)

Value

kilogram per square meter (kg/m²)

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Examples

NISTpoundPerSqrFtTOkgPerSqrMeter(10)

NISTpoundPerSqrInchTOkgPerSqrMeter

Convert pound per square inch to kilogram per square meter

Description

NISTpoundPerSqrInchTOkgPerSqrMeter converts from pound per square inch (not pound-force) (lb/in²) to kilogram per square meter (kg/m²)

Usage

NISTpoundPerSqrInchTOkgPerSqrMeter(poundPerSqrInch)

Arguments

poundPerSqrInch

pound per square inch (not pound-force) (lb/in²)

Value

kilogram per square meter (kg/m²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpoundPerSqrInchTOkgPerSqrMeter(10)

NISTpoundPerYardTOkgPerMeter

Convert pound per yard to kilogram per meter

Description

NISTpoundPerYardTOkgPerMeter converts from pound per yard (lb/yd) to kilogram per meter (kg/m)

Usage

NISTpoundPerYardTOkgPerMeter(poundPerYard)

Arguments

poundPerYard pound per yard (lb/yd)

Value

kilogram per meter (kg/m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpoundPerYardTOkgPerMeter(10)

NISTpoundTroyTOkg	<i>Convert pound to kilogram</i>
-------------------	----------------------------------

Description

NISTpoundTroyTOkg converts from pound (troy or apothecary) (lb) to kilogram (kg)

Usage

NISTpoundTroyTOkg(poundTroy)

Arguments

poundTroy	pound (troy or apothecary) (lb)
-----------	---------------------------------

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpoundTroyTOkg(10)

NISTpsiTokpascal	<i>Convert psi to kilopascal</i>
------------------	----------------------------------

Description

NISTpsiTokpascal converts from psi (pound-force per square inch) (lbf/in²) to kilopascal (kPa)

Usage

NISTpsiTokpascal(psi)

Arguments

psi	psi (pound-force per square inch) (lbf/in ²)
-----	--

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpsiTokpascal(10)

NISTpsiTOPascal	<i>Convert psi to pascal</i>
-----------------	------------------------------

Description

NISTpsiTOPascal converts from psi (pound-force per square inch) (lbf/in²) to pascal (Pa)

Usage

NISTpsiTOPascal(psi)

Arguments

psi	psi (pound-force per square inch) (lbf/in ²)
-----	--

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTpsiTOPascal(10)

NISTquadTOjoule	<i>Convert quad 11 to joule</i>
-----------------	---------------------------------

Description

NISTquadTOjoule converts from quad (1015 BtuIT) 11 to joule (J)

Usage

NISTquadTOjoule(quad)

Arguments

quad	quad (1015 BtuIT) 11
------	----------------------

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTquadTOjoule(10)

NISTquartUSdryTOcubMeter

Convert quart to cubic meter

Description

NISTquartUSdryTOcubMeter converts from quart (U.S. dry) (dry qt) to cubic meter (m3)

Usage

NISTquartUSdryTOcubMeter(quartUSdry)

Arguments

quartUSdry quart (U.S. dry) (dry qt)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTquartUSdryTOcubMeter(10)

NISTquartUSdryToliter *Convert quart to liter*

Description

NISTquartUSdryToliter converts from quart (U.S. dry) (dry qt) to liter (L)

Usage

NISTquartUSdryToliter(quartUSdry)

Arguments

quartUSdry quart (U.S. dry) (dry qt)

Value

liter (L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTquartUSdryToliter(10)

NISTquartUSliquidTOcubMeter

Convert quart to cubic meter

Description

NISTquartUSliquidTOcubMeter converts from quart (U.S. liquid) (liq qt) to cubic meter (m3)

Usage

NISTquartUSliquidTOcubMeter(quartUSliquid)

Arguments

quartUSliquid quart (U.S. liquid) (liq qt)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTquartUSliquidTOcubMeter(10)

NISTquartUSliquidToliter

Convert quart to liter

Description

NISTquartUSliquidToliter converts from quart (U.S. liquid) (liq qt) to liter (L)

Usage

NISTquartUSliquidToliter(quartUSliquid)

Arguments

quartUSliquid quart (U.S. liquid) (liq qt)

Value

liter (L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTquartUSliquidToliter(10)

NISTradianPerSecTOrevolutionPerMin

Convert radian per second to revolution per minute

Description

NISTradianPerSecTOrevolutionPerMin converts from radian per second (rad/s) to revolution per minute (rpm) (r/min)

Usage

NISTradianPerSecTOrevolutionPerMin(radianPerSec)

Arguments

radianPerSec radian per second (rad/s)

Value

revolution per minute (rpm) (r/min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTradianPerSecTOrevolutionPerMin(10)

NISTradianPerSecTOrpm *Convert radian per second to rpm*

Description

NISTradianPerSecTOrpm converts from radian per second (rad/s) to rpm (revolution per minute) (r/min)

Usage

NISTradianPerSecTOrpm(radianPerSec)

Arguments

radianPerSec radian per second (rad/s)

Value

rpm (revolution per minute) (r/min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTradianPerSecTOrpm(10)

NISTradianTOdeg	<i>Convert radian to degree</i>
-----------------	---------------------------------

Description

NISTradianTOdeg converts from radian (rad) to degree (angle) ()

Usage

NISTradianTOdeg(radian)

Arguments

radian	radian (rad)
--------	--------------

Value

degree (angle) ()

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTradianTOdeg(10)

NISTradianTOgon	<i>Convert radian to gon</i>
-----------------	------------------------------

Description

NISTradianTOgon converts from radian (rad) to gon (also called grade) (gon)

Usage

NISTradianTOgon(radian)

Arguments

radian	radian (rad)
--------	--------------

Value

gon (also called grade) (gon)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTradianTOgon(10)

NISTradianTOmil	<i>Convert radian to mil</i>
-----------------	------------------------------

Description

NISTradianTOmil converts from radian (rad) to mil (angle)

Usage

NISTradianTOmil(radian)

Arguments

radian	radian (rad)
--------	--------------

Value

mil (angle)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTradianTOmil(10)

NISTradianTomin	<i>Convert radian to minute</i>
-----------------	---------------------------------

Description

NISTradianTomin converts from radian (rad) to minute (angle) (')

Usage

NISTradianTomin(radian)

Arguments

radian	radian (rad)
--------	--------------

Value

minute (angle) (')

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTradianTomin(10)

`NISTradianTOrevolution`*Convert radian to revolution*

Description

NISTradianTOrevolution converts from radian (rad) to revolution (r)

Usage

```
NISTradianTOrevolution(radian)
```

Arguments

radian	radian (rad)
--------	--------------

Value

revolution (r)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
NISTradianTOrevolution(10)
```

NISTradianTOsec	<i>Convert radian to second</i>
-----------------	---------------------------------

Description

NISTradianTOsec converts from radian (rad) to second (angle) (")

Usage

NISTradianTOsec(radian)

Arguments

radian	radian (rad)
--------	--------------

Value

second (angle) (")

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTradianTOsec(10)

NISTradT0gray	<i>Convert rad to gray</i>
---------------	----------------------------

Description

NISTradT0gray converts from rad (absorbed dose) (rad) to gray (Gy)

Usage

NISTradT0gray(rad)

Arguments

rad	rad (absorbed dose) (rad)
-----	---------------------------

Value

gray (Gy)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTradT0gray(10)

NISTreciprocalMeterTokayser

Convert reciprocal meter to kayser

Description

NISTreciprocalMeterTokayser converts from reciprocal meter (m-1) to kayser (K)

Usage

NISTreciprocalMeterTokayser(reciprocalMeter)

Arguments

reciprocalMeter
reciprocal meter (m-1)

Value

kayser (K)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTreciprocalMeterTokayser(10)

NISTreciprocalPascalSec1TOrhe

Convert reciprocal pascal second -1 to rhe

Description

NISTreciprocalPascalSec1TOrhe converts from reciprocal pascal second (Pa * s)-1 to rhe

Usage

NISTreciprocalPascalSec1TOrhe(reciprocalPascalSec1)

Arguments

reciprocalPascalSec1
reciprocal pascal second (Pa * s)-1

Value

rhe

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTreciprocalPascalSec1TOrhe(10)

NISTremT0sievert	<i>Convert rem to sievert</i>
------------------	-------------------------------

Description

NISTremT0sievert converts from rem (rem) to sievert (Sv)

Usage

NISTremT0sievert(rem)

Arguments

rem	rem (rem)
-----	-----------

Value

sievert (Sv)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTremT0sievert(10)

NISTrevolutionPerMinTOradianPerSec

Convert revolution per minute to radian per second

Description

NISTrevolutionPerMinTOradianPerSec converts from revolution per minute (rpm) (r/min) to radian per second (rad/s)

Usage

NISTrevolutionPerMinTOradianPerSec(revolutionPerMin)

Arguments

revolutionPerMin
revolution per minute (rpm) (r/min)

Value

radian per second (rad/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTrevolutionPerMinTOradianPerSec(10)

NISTrevolutionTOradian

Convert revolution to radian

Description

NISTrevolutionTOradian converts from revolution (r) to radian (rad)

Usage

NISTrevolutionTOradian(revolution)

Arguments

revolution revolution (r)

Value

radian (rad)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTrevolutionTOradian(10)

NISTrheTOreciprocalPascalSec1

Convert rhe to reciprocal pascal second -1

Description

NISTrheTOreciprocalPascalSec1 converts from rhe to reciprocal pascal second (Pa * s)-1

Usage

NISTrheTOreciprocalPascalSec1(rhe)

Arguments

rhe rhe

Value

reciprocal pascal second (Pa * s)-1

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTrheTOreciprocalPascalSec1(10)

NISTrodTOMeter	<i>Convert rod 7 to meter</i>
----------------	-------------------------------

Description

NISTrodTOMeter converts from rod (based on U.S. survey foot) (rd) 7 to meter (m)

Usage

NISTrodTOMeter(rod)

Arguments

rod	rod (based on U.S. survey foot) (rd) 7
-----	--

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTrodTOMeter(10)

NISTroentgenTOcoulombPerKg

Convert roentgen to coulomb per kilogram

Description

NISTroentgenTOcoulombPerKg converts from roentgen (R) to coulomb per kilogram (C/kg)

Usage

NISTroentgenTOcoulombPerKg(roentgen)

Arguments

roentgen roentgen (R)

Value

coulomb per kilogram (C/kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTroentgenTOcoulombPerKg(10)

NISTrpmTORadianPerSec *Convert rpm to radian per second*

Description

NISTrpmTORadianPerSec converts from rpm (revolution per minute) (r/min) to radian per second (rad/s)

Usage

NISTrpmTORadianPerSec(rpm)

Arguments

rpm rpm (revolution per minute) (r/min)

Value

radian per second (rad/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTrpmTORadianPerSec(10)

NISTsecTODay	<i>Convert second to day</i>
--------------	------------------------------

Description

NISTsecTODay converts from second (s) to day (d)

Usage

NISTsecTODay(sec)

Arguments

sec	second (s)
-----	------------

Value

day (d)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsecTODay(10)

NISTsecTODaySidereal *Convert second to day*

Description

NISTsecTODaySidereal converts from second (s) to day (sidereal)

Usage

NISTsecTODaySidereal(sec)

Arguments

sec second (s)

Value

day (sidereal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsecTODaySidereal(10)

NISTsecTOhour	<i>Convert second to hour</i>
---------------	-------------------------------

Description

NISTsecTOhour converts from second (s) to hour (h)

Usage

NISTsecTOhour(sec)

Arguments

sec	second (s)
-----	------------

Value

hour (h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsecTOhour(10)

NISTsecTOhourSidereal *Convert second to hour*

Description

NISTsecTOhourSidereal converts from second (s) to hour (sidereal)

Usage

NISTsecTOhourSidereal(sec)

Arguments

sec	second (s)
-----	------------

Value

hour (sidereal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsecTOhourSidereal(10)

NISTsecT0min	<i>Convert second to minute</i>
--------------	---------------------------------

Description

NISTsecT0min converts from second (s) to minute (min)

Usage

NISTsecT0min(sec)

Arguments

sec	second (s)
-----	------------

Value

minute (min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsecT0min(10)

NISTsecT0minSidereal *Convert second to minute*

Description

NISTsecT0minSidereal converts from second (s) to minute (sidereal)

Usage

NISTsecT0minSidereal(sec)

Arguments

sec second (s)

Value

minute (sidereal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsecT0minSidereal(10)

NISTsecTORadian	<i>Convert second to radian</i>
-----------------	---------------------------------

Description

NISTsecTORadian converts from second (angle) (") to radian (rad)

Usage

NISTsecTORadian(sec)

Arguments

sec	second (angle) (")
-----	--------------------

Value

radian (rad)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsecTORadian(10)

NISTsecT0sec	<i>Convert second to second</i>
--------------	---------------------------------

Description

NISTsecT0sec converts from second (s) to second (sidereal)

Usage

NISTsecT0sec(sec)

Arguments

sec	second (s)
-----	------------

Value

second (sidereal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsecT0sec(10)

NISTsecTOshake	<i>Convert second to shake</i>
----------------	--------------------------------

Description

NISTsecTOshake converts from second (s) to shake

Usage

NISTsecTOshake(sec)

Arguments

sec	second (s)
-----	------------

Value

shake

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsecTOshake(10)

NISTsecTOyear	<i>Convert second to year</i>
---------------	-------------------------------

Description

NISTsecTOyear converts from second (s) to year (365 days)

Usage

NISTsecTOyear(sec)

Arguments

sec	second (s)
-----	------------

Value

year (365 days)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsecTOyear(10)

NISTsecTOyearSidereal *Convert second to year*

Description

NISTsecTOyearSidereal converts from second (s) to year (sidereal)

Usage

NISTsecTOyearSidereal(sec)

Arguments

sec	second (s)
-----	------------

Value

year (sidereal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsecTOyearSidereal(10)

NISTsecTOyearTropical *Convert second to year*

Description

NISTsecTOyearTropical converts from second (s) to year (tropical)

Usage

NISTsecTOyearTropical(sec)

Arguments

sec second (s)

Value

year (tropical)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsecTOyearTropical(10)

NISTshakeTONanosec	<i>Convert shake to nanosecond</i>
--------------------	------------------------------------

Description

NISTshakeTONanosec converts from shake to nanosecond (ns)

Usage

NISTshakeTONanosec(shake)

Arguments

shake	shake
-------	-------

Value

nanosecond (ns)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTshakeTONanosec(10)

NISTshakeTOsec	<i>Convert shake to second</i>
----------------	--------------------------------

Description

NISTshakeTOsec converts from shake to second (s)

Usage

NISTshakeTOsec(shake)

Arguments

shake	shake
-------	-------

Value

second (s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTshakeTOsec(10)

NISTsiemensTOabmho	<i>Convert siemens to abmho</i>
--------------------	---------------------------------

Description

NISTsiemensTOabmho converts from siemens (S) to abmho

Usage

NISTsiemensTOabmho(siemens)

Arguments

siemens	siemens (S)
---------	-------------

Value

abmho

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsiemensTOabmho(10)

NISTsiemensTOmho	<i>Convert siemens to mho</i>
------------------	-------------------------------

Description

NISTsiemensTOmho converts from siemens (S) to mho

Usage

NISTsiemensTOmho(siemens)

Arguments

siemens	siemens (S)
---------	-------------

Value

mho

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsiemensTOmho(10)

NISTsiemensTOstatmho *Convert siemens to statmho*

Description

NISTsiemensTOstatmho converts from siemens (S) to statmho

Usage

NISTsiemensTOstatmho(siemens)

Arguments

siemens siemens (S)

Value

statmho

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsiemensTOstatmho(10)

NISTsievertTOrem	<i>Convert sievert to rem</i>
------------------	-------------------------------

Description

NISTsievertTOrem converts from sievert (Sv) to rem (rem)

Usage

NISTsievertTOrem(sievert)

Arguments

sievert	sievert (Sv)
---------	--------------

Value

rem (rem)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsievertTOrem(10)

NISTslugPerCubFtTOkgPerCubMeter

Convert slug per cubic foot to kilogram per cubic meter

Description

NISTslugPerCubFtTOkgPerCubMeter converts from slug per cubic foot (slug/ft³) to kilogram per cubic meter (kg/m³)

Usage

NISTslugPerCubFtTOkgPerCubMeter(slugPerCubFt)

Arguments

slugPerCubFt slug per cubic foot (slug/ft³)

Value

kilogram per cubic meter (kg/m³)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTslugPerCubFtTOkgPerCubMeter(10)

NISTslugPerFtSecTOpascalSec

Convert slug per foot second to pascal second

Description

NISTslugPerFtSecTOpascalSec converts from slug per foot second [slug/(ft * s)] to pascal second (Pa * s)

Usage

NISTslugPerFtSecTOpascalSec(slugPerFtSec)

Arguments

slugPerFtSec slug per foot second [slug/(ft * s)]

Value

pascal second (Pa * s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTslugPerFtSecTOpascalSec(10)

NISTslugT0kg	<i>Convert slug to kilogram</i>
--------------	---------------------------------

Description

NISTslugT0kg converts from slug (slug) to kilogram (kg)

Usage

NISTslugT0kg(slug)

Arguments

slug	slug (slug)
------	-------------

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTslugT0kg(10)

NISTsqrCmTOsqrInch	<i>Convert square centimeter to square inch</i>
--------------------	---

Description

NISTsqrCmTOsqrInch converts from square centimeter (cm²) to square inch (in²)

Usage

NISTsqrCmTOsqrInch(sqrCm)

Arguments

sqrCm	square centimeter (cm ²)
-------	--------------------------------------

Value

square inch (in²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrCmTOsqrInch(10)

NISTsqrFtPerHourTOsqrMeterPerSec

Convert square foot per hour to square meter per second

Description

NISTsqrFtPerHourTOsqrMeterPerSec converts from square foot per hour (ft²/h) to square meter per second (m²/s)

Usage

NISTsqrFtPerHourTOsqrMeterPerSec(sqrFtPerHour)

Arguments

sqrFtPerHour square foot per hour (ft²/h)

Value

square meter per second (m²/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrFtPerHourTOsqrMeterPerSec(10)

NISTsqrFtPerSecTOsqrMeterPerSec

Convert square foot per second to square meter per second

Description

NISTsqrFtPerSecTOsqrMeterPerSec converts from square foot per second (ft²/s) to square meter per second (m²/s)

Usage

NISTsqrFtPerSecTOsqrMeterPerSec(sqrFtPerSec)

Arguments

sqrFtPerSec square foot per second (ft²/s)

Value

square meter per second (m²/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrFtPerSecTOsqrMeterPerSec(10)

NISTsqrFtTOsqrMeter	<i>Convert square foot to square meter</i>
---------------------	--

Description

NISTsqrFtTOsqrMeter converts from square foot (ft2) to square meter (m2)

Usage

NISTsqrFtTOsqrMeter(sqrFt)

Arguments

sqrFt	square foot (ft2)
-------	-------------------

Value

square meter (m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrFtTOsqrMeter(10)

NISTsqrInchTOsqrCm	<i>Convert square inch to square centimeter</i>
--------------------	---

Description

NISTsqrInchTOsqrCm converts from square inch (in2) to square centimeter (cm2)

Usage

NISTsqrInchTOsqrCm(sqrInch)

Arguments

sqrInch	square inch (in2)
---------	-------------------

Value

square centimeter (cm2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrInchTOsqrCm(10)

NISTsqrInchTOsqrMeter *Convert square inch to square meter*

Description

NISTsqrInchTOsqrMeter converts from square inch (in2) to square meter (m2)

Usage

NISTsqrInchTOsqrMeter(sqrInch)

Arguments

sqrInch square inch (in2)

Value

square meter (m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrInchTOsqrMeter(10)

NISTsqrKmTOsqrMile	<i>Convert square kilometer to square mile</i>
--------------------	--

Description

NISTsqrKmTOsqrMile converts from square kilometer (km²) to square mile (mi²)

Usage

NISTsqrKmTOsqrMile(sqrKm)

Arguments

sqrKm	square kilometer (km ²)
-------	-------------------------------------

Value

square mile (mi²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrKmTOsqrMile(10)

NISTsqrKmTosqrMileUSSurvey

Convert square kilometer to square mile 7

Description

NISTsqrKmTosqrMileUSSurvey converts from square kilometer (km²) to square mile (based on U.S. survey foot) (mi²) 7

Usage

NISTsqrKmTosqrMileUSSurvey(sqrKm)

Arguments

sqrKm square kilometer (km²)

Value

square mile (based on U.S. survey foot) (mi²) 7

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrKmTosqrMileUSSurvey(10)

NISTsqrMeterKPerWattTOclo

Convert square meter kelvin per watt to clo

Description

NISTsqrMeterKPerWattTOclo converts from square meter kelvin per watt ($\text{m}^2 \cdot \text{K/W}$) to clo

Usage

NISTsqrMeterKPerWattTOclo(sqrMeterKPerWatt)

Arguments

sqrMeterKPerWatt

square meter kelvin per watt ($\text{m}^2 \cdot \text{K/W}$)

Value

clo

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrMeterKPerWattTOclo(10)

NISTsqMeterKPerWattT0degFHourSqrFtPerUkThUnIT

Convert square meter kelvin per watt to degree Fahrenheit hour square foot per British thermal unitIT

Description

NISTsqMeterKPerWattT0degFHourSqrFtPerUkThUnIT converts from square meter kelvin per watt ($\text{m}^2 \cdot \text{K}/\text{W}$) to degree Fahrenheit hour square foot per British thermal unitIT ($\text{F} \cdot \text{h} \cdot \text{ft}^2/\text{BtuIT}$)

Usage

NISTsqMeterKPerWattT0degFHourSqrFtPerUkThUnIT(sqMeterKPerWatt)

Arguments

sqMeterKPerWatt
square meter kelvin per watt ($\text{m}^2 \cdot \text{K}/\text{W}$)

Value

degree Fahrenheit hour square foot per British thermal unitIT ($\text{F} \cdot \text{h} \cdot \text{ft}^2/\text{BtuIT}$)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqMeterKPerWattT0degFHourSqrFtPerUkThUnIT(10)

NISTsqrMeterKPerWattTOdegFHourSqrFtPerUkThUnth

Convert square meter kelvin per watt to degree Fahrenheit hour square foot per British thermal unitth

Description

NISTsqrMeterKPerWattTOdegFHourSqrFtPerUkThUnth converts from square meter kelvin per watt ($\text{m}^2 \cdot \text{K}/\text{W}$) to degree Fahrenheit hour square foot per British thermal unitth ($\text{F} \cdot \text{h} \cdot \text{ft}^2/\text{Btu}\text{th}$)

Usage

NISTsqrMeterKPerWattTOdegFHourSqrFtPerUkThUnth(sqrMeterKPerWatt)

Arguments

sqrMeterKPerWatt
square meter kelvin per watt ($\text{m}^2 \cdot \text{K}/\text{W}$)

Value

degree Fahrenheit hour square foot per British thermal unitth ($\text{F} \cdot \text{h} \cdot \text{ft}^2/\text{Btu}\text{th}$)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrMeterKPerWattTOdegFHourSqrFtPerUkThUnth(10)

NISTsqrMeterPerSecTOsqrFtPerHour*Convert square meter per second to square foot per hour*

Description

NISTsqrMeterPerSecTOsqrFtPerHour converts from square meter per second (m²/s) to square foot per hour (ft²/h)

Usage

NISTsqrMeterPerSecTOsqrFtPerHour(sqrMeterPerSec)

Arguments

sqrMeterPerSec square meter per second (m²/s)

Value

square foot per hour (ft²/h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrMeterPerSecTOsqrFtPerHour(10)

NISTsqrMeterPerSecTOsqrFtPerSec

Convert square meter per second to square foot per second

Description

NISTsqrMeterPerSecTOsqrFtPerSec converts from square meter per second (m²/s) to square foot per second (ft²/s)

Usage

NISTsqrMeterPerSecTOsqrFtPerSec(sqrMeterPerSec)

Arguments

sqrMeterPerSec square meter per second (m²/s)

Value

square foot per second (ft²/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrMeterPerSecTOsqrFtPerSec(10)

NISTsqrMeterTOacre	<i>Convert square meter to acre</i> 7
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Description

NISTsqrMeterTOacre converts from square meter (m2) to acre (based on U.S. survey foot) 7

Usage

NISTsqrMeterTOacre(sqrMeter)

Arguments

sqrMeter	square meter (m2)
----------	-------------------

Value

acre (based on U.S. survey foot) 7

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrMeterTOacre(10)

NISTsqrMeterTOare	<i>Convert square meter to are</i>
-------------------	------------------------------------

Description

NISTsqrMeterTOare converts from square meter (m²) to are (a)

Usage

NISTsqrMeterTOare(sqrMeter)

Arguments

sqrMeter	square meter (m ²)
----------	--------------------------------

Value

are (a)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrMeterTOare(10)

NISTsqrMeterTObarn	<i>Convert square meter to barn</i>
--------------------	-------------------------------------

Description

NISTsqrMeterTObarn converts from square meter (m2) to barn (b)

Usage

NISTsqrMeterTObarn(sqrMeter)

Arguments

sqrMeter	square meter (m2)
----------	-------------------

Value

barn (b)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrMeterTObarn(10)

NISTsqrMeterTOcircularMil

Convert square meter to circular mil

Description

NISTsqrMeterTOcircularMil converts from square meter (m2) to circular mil

Usage

NISTsqrMeterTOcircularMil(sqrMeter)

Arguments

sqrMeter	square meter (m2)
----------	-------------------

Value

circular mil

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrMeterTOcircularMil(10)

NISTsqrMeterTOhectare *Convert square meter to hectare*

Description

NISTsqrMeterTOhectare converts from square meter (m2) to hectare (ha)

Usage

NISTsqrMeterTOhectare(sqrMeter)

Arguments

sqrMeter square meter (m2)

Value

hectare (ha)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrMeterTOhectare(10)

NISTsqrMeterTOsqrFt	<i>Convert square meter to square foot</i>
---------------------	--

Description

NISTsqrMeterTOsqrFt converts from square meter (m2) to square foot (ft2)

Usage

NISTsqrMeterTOsqrFt(sqrMeter)

Arguments

sqrMeter	square meter (m2)
----------	-------------------

Value

square foot (ft2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrMeterTOsqrFt(10)

NISTsqrMeterTOsqrInch *Convert square meter to square inch*

Description

NISTsqrMeterTOsqrInch converts from square meter (m2) to square inch (in2)

Usage

NISTsqrMeterTOsqrInch(sqrMeter)

Arguments

sqrMeter square meter (m2)

Value

square inch (in2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrMeterTOsqrInch(10)

NISTsqrMeterTOsqrMile *Convert square meter to square mile*

Description

NISTsqrMeterTOsqrMile converts from square meter (m2) to square mile (mi2)

Usage

NISTsqrMeterTOsqrMile(sqrMeter)

Arguments

sqrMeter square meter (m2)

Value

square mile (mi2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrMeterTOsqrMile(10)

NISTsqrMeterTOsqrMileUSsurvey

Convert square meter to square mile 7

Description

NISTsqrMeterTOsqrMileUSsurvey converts from square meter (m2) to square mile (based on U.S. survey foot) (mi2) 7

Usage

NISTsqrMeterTOsqrMileUSsurvey(sqrMeter)

Arguments

sqrMeter square meter (m2)

Value

square mile (based on U.S. survey foot) (mi2) 7

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrMeterTOsqrMileUSsurvey(10)

NISTsqrMeterTOsqrYard *Convert square meter to square yard*

Description

NISTsqrMeterTOsqrYard converts from square meter (m2) to square yard (yd2)

Usage

NISTsqrMeterTOsqrYard(sqrMeter)

Arguments

sqrMeter square meter (m2)

Value

square yard (yd2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrMeterTOsqrYard(10)

NISTsqrMileTOsqrKm	<i>Convert square mile to square kilometer</i>
--------------------	--

Description

NISTsqrMileTOsqrKm converts from square mile (mi²) to square kilometer (km²)

Usage

NISTsqrMileTOsqrKm(sqrMile)

Arguments

sqrMile square mile (mi²)

Value

square kilometer (km²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrMileTOsqrKm(10)

NISTsqrMileTOsqrMeter *Convert square mile to square meter*

Description

NISTsqrMileTOsqrMeter converts from square mile (mi²) to square meter (m²)

Usage

NISTsqrMileTOsqrMeter(sqrMile)

Arguments

sqrMile square mile (mi²)

Value

square meter (m²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrMileTOsqrMeter(10)

NISTsqrMileUSsurveyTOsqrKm

Convert square mile 7 to square kilometer

Description

NISTsqrMileUSsurveyTOsqrKm converts from square mile (based on U.S. survey foot) (mi2) 7 to square kilometer (km2)

Usage

NISTsqrMileUSsurveyTOsqrKm(sqrMileUSsurvey)

Arguments

sqrMileUSsurvey
square mile (based on U.S. survey foot) (mi2) 7

Value

square kilometer (km2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrMileUSsurveyTOsqrKm(10)

NISTsqrMileUSsurveyTosqrMeter

Convert square mile 7 to square meter

Description

NISTsqrMileUSsurveyTosqrMeter converts from square mile (based on U.S. survey foot) (mi²) 7 to square meter (m²)

Usage

NISTsqrMileUSsurveyTosqrMeter(sqrMileUSsurvey)

Arguments

sqrMileUSsurvey
square mile (based on U.S. survey foot) (mi²) 7

Value

square meter (m²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrMileUSsurveyTosqrMeter(10)

`NISTsqrMillimeterTOcircularMil`*Convert square millimeter to circular mil*

Description

NISTsqrMillimeterTOcircularMil converts from square millimeter (mm²) to circular mil

Usage

```
NISTsqrMillimeterTOcircularMil(sqrMillimeter)
```

Arguments

sqrMillimeter square millimeter (mm²)

Value

circular mil

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
NISTsqrMillimeterTOcircularMil(10)
```

NISTsqrYardTOsqrMeter *Convert square yard to square meter*

Description

NISTsqrYardTOsqrMeter converts from square yard (yd2) to square meter (m2)

Usage

NISTsqrYardTOsqrMeter(sqrYard)

Arguments

sqrYard square yard (yd2)

Value

square meter (m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTsqrYardTOsqrMeter(10)

NISTstatampereTOampere

Convert statampere to ampere

Description

NISTstatampereTOampere converts from statampere to ampere (A)

Usage

NISTstatampereTOampere(statampere)

Arguments

statampere statampere

Value

ampere (A)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTstatampereTOampere(10)

NISTstatcoulombTOcoulomb

Convert statcoulomb to coulomb

Description

NISTstatcoulombTOcoulomb converts from statcoulomb to coulomb (C)

Usage

NISTstatcoulombTOcoulomb(statcoulomb)

Arguments

statcoulomb statcoulomb

Value

coulomb (C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTstatcoulombTOcoulomb(10)

NISTstatfaradTOfarad *Convert statfarad to farad*

Description

NISTstatfaradTOfarad converts from statfarad to farad (F)

Usage

NISTstatfaradTOfarad(statfarad)

Arguments

statfarad statfarad

Value

farad (F)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTstatfaradTOfarad(10)

NISTstathenryTOhenry *Convert stathenry to henry*

Description

NISTstathenryTOhenry converts from stathenry to henry (H)

Usage

NISTstathenryTOhenry(stathenry)

Arguments

stathenry stathenry

Value

henry (H)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTstathenryTOhenry(10)

NISTstatmhoTOSiemens *Convert statmho to siemens*

Description

NISTstatmhoTOSiemens converts from statmho to siemens (S)

Usage

NISTstatmhoTOSiemens(statmho)

Arguments

statmho statmho

Value

siemens (S)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTstatmhoTOSiemens(10)

NISTstatohmTOohm	<i>Convert statohm to ohm</i>
------------------	-------------------------------

Description

NISTstatohmTOohm converts from statohm to ohm (ohm)

Usage

NISTstatohmTOohm(statohm)

Arguments

statohm	statohm
---------	---------

Value

ohm (ohm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTstatohmTOohm(10)

NISTstatvoltTOvolt	<i>Convert statvolt to volt</i>
--------------------	---------------------------------

Description

NISTstatvoltTOvolt converts from statvolt to volt (V)

Usage

NISTstatvoltTOvolt(statvolt)

Arguments

statvolt	statvolt
----------	----------

Value

volt (V)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTstatvoltTOvolt(10)

NISTstereTOcubMeter	<i>Convert stere to cubic meter</i>
---------------------	-------------------------------------

Description

NISTstereTOcubMeter converts from stere (st) to cubic meter (m3)

Usage

NISTstereTOcubMeter(stere)

Arguments

stere	stere (st)
-------	------------

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTstereTOcubMeter(10)

NISTstilbTOcandelaPerSqrMeter

Convert stilb to candela per square meter

Description

NISTstilbTOcandelaPerSqrMeter converts from stilb (sb) to candela per square meter (cd/m²)

Usage

NISTstilbTOcandelaPerSqrMeter(stilb)

Arguments

stilb stilb (sb)

Value

candela per square meter (cd/m²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTstilbTOcandelaPerSqrMeter(10)

NISTstokesTOMeterSqrDPerSec

Convert stokes to meter squared per second

Description

NISTstokesTOMeterSqrDPerSec converts from stokes (St) to meter squared per second (m²/s)

Usage

NISTstokesTOMeterSqrDPerSec(stokes)

Arguments

stokes	stokes (St)
--------	-------------

Value

meter squared per second (m²/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTstokesTOMeterSqrDPerSec(10)

NISTtablespoonTOcubMeter

Convert tablespoon to cubic meter

Description

NISTtablespoonTOcubMeter converts from tablespoon to cubic meter (m3)

Usage

NISTtablespoonTOcubMeter(tablespoon)

Arguments

tablespoon tablespoon

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTtablespoonTOcubMeter(10)

NISTtablespoonTOml	<i>Convert tablespoon to milliliter</i>
--------------------	---

Description

NISTtablespoonTOml converts from tablespoon to milliliter (mL)

Usage

NISTtablespoonTOml(tablespoon)

Arguments

tablespoon tablespoon

Value

milliliter (mL)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTtablespoonTOml(10)

NISTteaspoonTOcubMeter

Convert teaspoon to cubic meter

Description

NISTteaspoonTOcubMeter converts from teaspoon to cubic meter (m3)

Usage

NISTteaspoonTOcubMeter(teaspoon)

Arguments

teaspoon teaspoon

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTteaspoonTOcubMeter(10)

NISTteaspoonTOml	<i>Convert teaspoon to milliliter</i>
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Description

NISTteaspoonTOml converts from teaspoon to milliliter (mL)

Usage

NISTteaspoonTOml(teaspoon)

Arguments

teaspoon teaspoon

Value

milliliter (mL)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTteaspoonTOml(10)

NISTteslaTOgamma	<i>Convert tesla to gamma</i>
------------------	-------------------------------

Description

NISTteslaTOgamma converts from tesla (T) to gamma (y)

Usage

NISTteslaTOgamma(tesla)

Arguments

tesla	tesla (T)
-------	-----------

Value

gamma (y)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTteslaTOgamma(10)

NISTteslaTOgauss	<i>Convert tesla to gauss</i>
------------------	-------------------------------

Description

NISTteslaTOgauss converts from tesla (T) to gauss (Gs, G)

Usage

NISTteslaTOgauss(tesla)

Arguments

tesla	tesla (T)
-------	-----------

Value

gauss (Gs, G)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTteslaTOgauss(10)

NISTtexTOkgPerMeter	<i>Convert tex to kilogram per meter</i>
---------------------	--

Description

NISTtexTOkgPerMeter converts from tex to kilogram per meter (kg/m)

Usage

NISTtexTOkgPerMeter(tex)

Arguments

tex	tex
-----	-----

Value

kilogram per meter (kg/m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTtexTOkgPerMeter(10)

NISTthermECtOjoule	<i>Convert therm 24 to joule</i>
--------------------	----------------------------------

Description

NISTthermECtOjoule converts from therm (EC) 24 to joule (J)

Usage

NISTthermECtOjoule(thermEC)

Arguments

thermEC	therm (EC) 24
---------	---------------

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTthermECtOjoule(10)

NISTthermUStOjoule	<i>Convert therm 24 to joule</i>
--------------------	----------------------------------

Description

NISTthermUStOjoule converts from therm (U.S.) 24 to joule (J)

Usage

NISTthermUStOjoule(thermUS)

Arguments

thermUS	therm (U.S.) 24
---------	-----------------

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTthermUStOjoule(10)

NISTtonAssayTOgram	<i>Convert ton, assay to gram</i>
--------------------	-----------------------------------

Description

NISTtonAssayTOgram converts from ton, assay (AT) to gram (g)

Usage

NISTtonAssayTOgram(tonAssay)

Arguments

tonAssay	ton, assay (AT)
----------	-----------------

Value

gram (g)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTtonAssayTOgram(10)

NISTtonAssayTOkg	<i>Convert ton, assay to kilogram</i>
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Description

NISTtonAssayTOkg converts from ton, assay (AT) to kilogram (kg)

Usage

NISTtonAssayTOkg(tonAssay)

Arguments

tonAssay	ton, assay (AT)
----------	-----------------

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTtonAssayTOkg(10)

NISTtonForceTOkilonewton

Convert ton-force to kilonewton

Description

NISTtonForceTOkilonewton converts from ton-force (2000 lbf) to kilonewton (kN)

Usage

NISTtonForceTOkilonewton(tonForce)

Arguments

tonForce	ton-force (2000 lbf)
----------	----------------------

Value

kilonewton (kN)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTtonForceTOkilonewton(10)

NISTtonForceTOnewton *Convert ton-force to newton*

Description

NISTtonForceTOnewton converts from ton-force (2000 lbf) to newton (N)

Usage

NISTtonForceTOnewton(tonForce)

Arguments

tonForce ton-force (2000 lbf)

Value

newton (N)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTtonForceTOnewton(10)

NISTtonLongPerCubYardTOkgPerCubMeter

Convert ton, long, per cubic yard to kilogram per cubic meter

Description

NISTtonLongPerCubYardTOkgPerCubMeter converts from ton, long, per cubic yard to kilogram per cubic meter (kg/m³)

Usage

NISTtonLongPerCubYardTOkgPerCubMeter(tonLongPerCubYard)

Arguments

tonLongPerCubYard
ton, long, per cubic yard

Value

kilogram per cubic meter (kg/m³)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTtonLongPerCubYardTOkgPerCubMeter(10)

NISTtonLongTOkg	<i>Convert ton, long to kilogram</i>
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Description

NISTtonLongTOkg converts from ton, long (2240 lb) to kilogram (kg)

Usage

NISTtonLongTOkg(tonLong)

Arguments

tonLong	ton, long (2240 lb)
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Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTtonLongTOkg(10)

NISTtonneTOkg	<i>Convert tonne to kilogram</i>
---------------	----------------------------------

Description

NISTtonneTOkg converts from tonne (called metric ton in U.S.) (t) to kilogram (kg)

Usage

NISTtonneTOkg(tonne)

Arguments

tonne	tonne (called metric ton in U.S.) (t)
-------	---------------------------------------

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTtonneTOkg(10)

NISTtonOfRefrigerationTOwatt

Convert ton of refrigeration to watt

Description

NISTtonOfRefrigerationTOwatt converts from ton of refrigeration (12 000 BtuIT/h) to watt (W)

Usage

NISTtonOfRefrigerationTOwatt(tonOfRefrigeration)

Arguments

tonOfRefrigeration
ton of refrigeration (12 000 BtuIT/h)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTtonOfRefrigerationTOwatt(10)

NISTtonOfTNTtOjoule	<i>Convert ton of TNT 25 to joule</i>
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Description

NISTtonOfTNTtOjoule converts from ton of TNT (energy equivalent) 25 to joule (J)

Usage

NISTtonOfTNTtOjoule(tonOfTNT)

Arguments

tonOfTNT	ton of TNT (energy equivalent) 25
----------	-----------------------------------

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTtonOfTNTtOjoule(10)

NISTtonRegisterTOcubMeter

Convert ton, register to cubic meter

Description

NISTtonRegisterTOcubMeter converts from ton, register to cubic meter (m3)

Usage

NISTtonRegisterTOcubMeter(tonRegister)

Arguments

tonRegister ton, register

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTtonRegisterTOcubMeter(10)

NISTtonShortPerCubYardTOkgPerCubMeter

Convert ton, short, per cubic yard to kilogram per cubic meter

Description

NISTtonShortPerCubYardTOkgPerCubMeter converts from ton, short, per cubic yard to kilogram per cubic meter (kg/m³)

Usage

NISTtonShortPerCubYardTOkgPerCubMeter(tonShortPerCubYard)

Arguments

tonShortPerCubYard
ton, short, per cubic yard

Value

kilogram per cubic meter (kg/m³)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTtonShortPerCubYardTOkgPerCubMeter(10)

NISTtonShortPerHourTOkgPerSec

Convert ton, short, per hour to kilogram per second

Description

NISTtonShortPerHourTOkgPerSec converts from ton, short, per hour to kilogram per second (kg/s)

Usage

NISTtonShortPerHourTOkgPerSec(tonShortPerHour)

Arguments

tonShortPerHour
ton, short, per hour

Value

kilogram per second (kg/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTtonShortPerHourTOkgPerSec(10)

NISTtonShortTOkg	<i>Convert ton, short to kilogram</i>
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Description

NISTtonShortTOkg converts from ton, short (2000 lb) to kilogram (kg)

Usage

NISTtonShortTOkg(tonShort)

Arguments

tonShort	ton, short (2000 lb)
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Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTtonShortTOkg(10)

NISTtonSI0kg	<i>Convert ton, metric to kilogram</i>
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Description

NISTtonSI0kg converts from ton, metric (t) to kilogram (kg)

Usage

NISTtonSI0kg(tonSI)

Arguments

tonSI	ton, metric (t)
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Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTtonSI0kg(10)

NISTtorrTOpascal	<i>Convert torr to pascal</i>
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Description

NISTtorrTOpascal converts from torr (Torr) to pascal (Pa)

Usage

NISTtorrTOpascal(torr)

Arguments

torr	torr (Torr)
------	-------------

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTtorrTOpascal(10)

NISTukThUn39FtOjoule *Convert British thermal unit to joule*

Description

NISTukThUn39FtOjoule converts from British thermal unit (39 F) (Btu) to joule (J)

Usage

NISTukThUn39FtOjoule(ukThUn39F)

Arguments

ukThUn39F British thermal unit (39 F) (Btu)

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTukThUn39FtOjoule(10)

NISTukThUn59FtOjoule *Convert British thermal unit to joule*

Description

NISTukThUn59FtOjoule converts from British thermal unit (59 F) (Btu) to joule (J)

Usage

NISTukThUn59FtOjoule(ukThUn59F)

Arguments

ukThUn59F British thermal unit (59 F) (Btu)

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTukThUn59FtOjoule(10)

NISTukThUn60FtOjoule *Convert British thermal unit to joule*

Description

NISTukThUn60FtOjoule converts from British thermal unit (60 F) (Btu) to joule (J)

Usage

NISTukThUn60FtOjoule(ukThUn60F)

Arguments

ukThUn60F British thermal unit (60 F) (Btu)

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTukThUn60FtOjoule(10)

NISTukThUnITFtPerHourSqrFtDegFtOwattPerMeterK

Convert British thermal unitIT foot per hour square foot degree Fahrenheit to watt per meter kelvin

Description

NISTukThUnITFtPerHourSqrFtDegFtOwattPerMeterK converts from British thermal unitIT foot per hour square foot degree Fahrenheit [BtuIT * ft/(h * ft² * F)] to watt per meter kelvin [W/(m * K)]

Usage

NISTukThUnITFtPerHourSqrFtDegFtOwattPerMeterK(ukThUnITFtPerHourSqrFtDegF)

Arguments

ukThUnITFtPerHourSqrFtDegF

British thermal unitIT foot per hour square foot degree Fahrenheit [BtuIT * ft/(h * ft² * F)]

Value

watt per meter kelvin [W/(m * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTukThUnITFtPerHourSqrFtDegFtOwattPerMeterK(10)

NISTukThUnITInchPerHourSqrFtDegFtOwattPerMeterK

Convert British thermal unitIT inch per hour square foot degree Fahrenheit to watt per meter kelvin

Description

NISTukThUnITInchPerHourSqrFtDegFtOwattPerMeterK converts from British thermal unitIT inch per hour square foot degree Fahrenheit [BtuIT * in/(h * ft² * F)] to watt per meter kelvin [W/(m * K)]

Usage

NISTukThUnITInchPerHourSqrFtDegFtOwattPerMeterK(ukThUnITInchPerHourSqrFtDegF)

Arguments

ukThUnITInchPerHourSqrFtDegF

British thermal unitIT inch per hour square foot degree Fahrenheit [BtuIT * in/(h * ft² * F)]

Value

watt per meter kelvin [W/(m * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTukThUnITInchPerHourSqrFtDegFtOwattPerMeterK(10)

NISTukThUnITInchPerSecSqrFtDegFtOwattPerMeterK

Convert British thermal unitIT inch per second square foot degree Fahrenheit to watt per meter kelvin

Description

NISTukThUnITInchPerSecSqrFtDegFtOwattPerMeterK converts from British thermal unitIT inch per second square foot degree Fahrenheit [BtuIT * in /(s * ft² * F)] to watt per meter kelvin [W/(m * K)]

Usage

NISTukThUnITInchPerSecSqrFtDegFtOwattPerMeterK(ukThUnITInchPerSecSqrFtDegF)

Arguments

ukThUnITInchPerSecSqrFtDegF

British thermal unitIT inch per second square foot degree Fahrenheit [BtuIT * in /(s * ft² * F)]

Value

watt per meter kelvin [W/(m * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTukThUnITInchPerSecSqrFtDegFtOwattPerMeterK(10)

NISTukThUnITPerCubFtTOjoulePerCubMeter

Convert British thermal unitIT per cubic foot to joule per cubic meter

Description

NISTukThUnITPerCubFtTOjoulePerCubMeter converts from British thermal unitIT per cubic foot (BtuIT/ft3) to joule per cubic meter (J/m3)

Usage

NISTukThUnITPerCubFtTOjoulePerCubMeter(ukThUnITPerCubFt)

Arguments

ukThUnITPerCubFt

British thermal unitIT per cubic foot (BtuIT/ft3)

Value

joule per cubic meter (J/m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTukThUnITPerCubFtTOjoulePerCubMeter(10)

NISTukThUnITPerDegFtOjoulePerK

Convert British thermal unitIT per degree Fahrenheit to joule per kelvin

Description

NISTukThUnITPerDegFtOjoulePerK converts from British thermal unitIT per degree Fahrenheit (BtuIT/F) to joule per kelvin (J/K)

Usage

NISTukThUnITPerDegFtOjoulePerK(ukThUnITPerDegF)

Arguments

ukThUnITPerDegF

British thermal unitIT per degree Fahrenheit (BtuIT/F)

Value

joule per kelvin (J/K)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTukThUnITPerDegFtOjoulePerK(10)

NISTukThUnITPerDegRankineTOjoulePerK

Convert British thermal unitIT per degree Rankine to joule per kelvin

Description

NISTukThUnITPerDegRankineTOjoulePerK converts from British thermal unitIT per degree Rankine (BtuIT/R) to joule per kelvin (J/K)

Usage

NISTukThUnITPerDegRankineTOjoulePerK(ukThUnITPerDegRankine)

Arguments

ukThUnITPerDegRankine

British thermal unitIT per degree Rankine (BtuIT/R)

Value

joule per kelvin (J/K)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTukThUnITPerDegRankineTOjoulePerK(10)

NISTukThUnITPerHourSqrFtDegFtOwattPerSqrMeterK

*Convert British thermal unitIT per hour square foot degree Fahrenheit
to watt per square meter kelvin*

Description

NISTukThUnITPerHourSqrFtDegFtOwattPerSqrMeterK converts from British thermal unitIT per hour square foot degree Fahrenheit [BtuIT/(h * ft² * F)] to watt per square meter kelvin [W/(m² * K)]

Usage

NISTukThUnITPerHourSqrFtDegFtOwattPerSqrMeterK(ukThUnITPerHourSqrFtDegF)

Arguments

ukThUnITPerHourSqrFtDegF

British thermal unitIT per hour square foot degree Fahrenheit [BtuIT/(h * ft² * F)]

Value

watt per square meter kelvin [W/(m² * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTukThUnITPerHourSqrFtDegFtOwattPerSqrMeterK(10)

NISTukThUnITPerHourTOwatt*Convert British thermal unitIT per hour to watt*

Description

NISTukThUnITPerHourTOwatt converts from British thermal unitIT per hour (BtuIT/h) to watt (W)

Usage

NISTukThUnITPerHourTOwatt(ukThUnITPerHour)

Arguments

ukThUnITPerHour

British thermal unitIT per hour (BtuIT/h)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTukThUnITPerHourTOwatt(10)

NISTukThUnITPerPoundDegFtOjoulePerKgK

Convert British thermal unitIT per pound degree Fahrenheit to joule per kilogram kelvin

Description

NISTukThUnITPerPoundDegFtOjoulePerKgK converts from British thermal unitIT per pound degree Fahrenheit [BtuIT/(lb * F)] to joule per kilogram kelvin [J/(kg * K)]

Usage

NISTukThUnITPerPoundDegFtOjoulePerKgK(ukThUnITPerPoundDegF)

Arguments

ukThUnITPerPoundDegF

British thermal unitIT per pound degree Fahrenheit [BtuIT/(lb * F)]

Value

joule per kilogram kelvin [J/(kg * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTukThUnITPerPoundDegFtOjoulePerKgK(10)

NISTukThUnITPerPoundDegRankineTOjoulePerKgK

Convert British thermal unitIT per pound degree Rankine to joule per kilogram kelvin

Description

NISTukThUnITPerPoundDegRankineTOjoulePerKgK converts from British thermal unitIT per pound degree Rankine [BtuIT/(lb * R)] to joule per kilogram kelvin [J/(kg * K)]

Usage

NISTukThUnITPerPoundDegRankineTOjoulePerKgK(ukThUnITPerPoundDegRankine)

Arguments

ukThUnITPerPoundDegRankine
British thermal unitIT per pound degree Rankine [BtuIT/(lb * R)]

Value

joule per kilogram kelvin [J/(kg * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTukThUnITPerPoundDegRankineTOjoulePerKgK(10)

NISTukThUnITPerPoundTOjoulePerKg

Convert British thermal unitIT per pound to joule per kilogram

Description

NISTukThUnITPerPoundTOjoulePerKg converts from British thermal unitIT per pound (BtuIT/lb) to joule per kilogram (J/kg)

Usage

NISTukThUnITPerPoundTOjoulePerKg(ukThUnITPerPound)

Arguments

ukThUnITPerPound

British thermal unitIT per pound (BtuIT/lb)

Value

joule per kilogram (J/kg)

Author(s)

Jose Gama

Source

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References

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Examples

NISTukThUnITPerPoundTOjoulePerKg(10)

NISTukThUnITPerSecSqrFtDegFtOwattPerSqrMeterK

Convert British thermal unitIT per second square foot degree Fahrenheit to watt per square meter kelvin

Description

NISTukThUnITPerSecSqrFtDegFtOwattPerSqrMeterK converts from British thermal unitIT per second square foot degree Fahrenheit [BtuIT/(s * ft² * F)] to watt per square meter kelvin [W/(m² * K)]

Usage

NISTukThUnITPerSecSqrFtDegFtOwattPerSqrMeterK(ukThUnITPerSecSqrFtDegF)

Arguments

ukThUnITPerSecSqrFtDegF

British thermal unitIT per second square foot degree Fahrenheit [BtuIT/(s * ft² * F)]

Value

watt per square meter kelvin [W/(m² * K)]

Author(s)

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Examples

NISTukThUnITPerSecSqrFtDegFtOwattPerSqrMeterK(10)

NISTukThUnITPerSecTOWatt

Convert British thermal unitIT per second to watt

Description

NISTukThUnITPerSecTOWatt converts from British thermal unitIT per second (BtuIT/s) to watt (W)

Usage

NISTukThUnITPerSecTOWatt(ukThUnITPerSec)

Arguments

ukThUnITPerSec British thermal unitIT per second (BtuIT/s)

Value

watt (W)

Author(s)

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Examples

NISTukThUnITPerSecTOWatt(10)

NISTukThUnITPerSqrFtHourTOwattPerSqrMeter

Convert British thermal unitIT per square foot hour to watt per square meter

Description

NISTukThUnITPerSqrFtHourTOwattPerSqrMeter converts from British thermal unitIT per square foot hour [BtuIT/(ft² * h)] to watt per square meter (W/m²)

Usage

NISTukThUnITPerSqrFtHourTOwattPerSqrMeter(ukThUnITPerSqrFtHour)

Arguments

ukThUnITPerSqrFtHour

British thermal unitIT per square foot hour [BtuIT/(ft² * h)]

Value

watt per square meter (W/m²)

Author(s)

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Examples

NISTukThUnITPerSqrFtHourTOwattPerSqrMeter(10)

NISTukThUnITPerSqrFtSecTOwattPerSqrMeter

Convert British thermal unitIT per square foot second to watt per square meter

Description

NISTukThUnITPerSqrFtSecTOwattPerSqrMeter converts from British thermal unitIT per square foot second [BtuIT/(ft² * s)] to watt per square meter (W/m²)

Usage

NISTukThUnITPerSqrFtSecTOwattPerSqrMeter(ukThUnITPerSqrFtSec)

Arguments

ukThUnITPerSqrFtSec

British thermal unitIT per square foot second [BtuIT/(ft² * s)]

Value

watt per square meter (W/m²)

Author(s)

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Examples

NISTukThUnITPerSqrFtSecTOwattPerSqrMeter(10)

NISTukThUnITPerSqrFtT0joulePerSqrMeter

Convert British thermal unitIT per square foot to joule per square meter

Description

NISTukThUnITPerSqrFtT0joulePerSqrMeter converts from British thermal unitIT per square foot (BtuIT/ft²) to joule per square meter (J/m²)

Usage

NISTukThUnITPerSqrFtT0joulePerSqrMeter(ukThUnITPerSqrFt)

Arguments

ukThUnITPerSqrFt
British thermal unitIT per square foot (BtuIT/ft²)

Value

joule per square meter (J/m²)

Author(s)

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Examples

NISTukThUnITPerSqrFtT0joulePerSqrMeter(10)

NISTukThUnITtOjoule *Convert British thermal unitIT 9 to joule*

Description

NISTukThUnITtOjoule converts from British thermal unitIT (BtuIT) 9 to joule (J)

Usage

NISTukThUnITtOjoule(ukThUnIT)

Arguments

ukThUnIT British thermal unitIT (BtuIT) 9

Value

joule (J)

Author(s)

Jose Gama

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Examples

NISTukThUnITtOjoule(10)

NISTukThUnthFtPerHourSqrFtDegFtOwattPerMeterK

Convert British thermal unitth foot per hour square foot degree Fahrenheit to watt per meter kelvin

Description

NISTukThUnthFtPerHourSqrFtDegFtOwattPerMeterK converts from British thermal unitth foot per hour square foot degree Fahrenheit [Btuth * ft/(h * ft² * F)] to watt per meter kelvin [W/(m * K)]

Usage

NISTukThUnthFtPerHourSqrFtDegFtOwattPerMeterK(ukThUnthFtPerHourSqrFtDegF)

Arguments

ukThUnthFtPerHourSqrFtDegF

British thermal unitth foot per hour square foot degree Fahrenheit [Btuth * ft/(h * ft² * F)]

Value

watt per meter kelvin [W/(m * K)]

Author(s)

Jose Gama

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Examples

NISTukThUnthFtPerHourSqrFtDegFtOwattPerMeterK(10)

NISTukThUnthInchPerHourSqrFtDegFtOwattPerMeterK

Convert British thermal unitth inch per hour square foot degree Fahrenheit to watt per meter kelvin

Description

NISTukThUnthInchPerHourSqrFtDegFtOwattPerMeterK converts from British thermal unitth inch per hour square foot degree Fahrenheit [Btuth * in/(h * ft² * F)] to watt per meter kelvin [W / (m * K)]

Usage

NISTukThUnthInchPerHourSqrFtDegFtOwattPerMeterK(ukThUnthInchPerHourSqrFtDegF)

Arguments

ukThUnthInchPerHourSqrFtDegF

British thermal unitth inch per hour square foot degree Fahrenheit [Btuth * in/(h * ft² * F)]

Value

watt per meter kelvin [W / (m * K)]

Author(s)

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Examples

NISTukThUnthInchPerHourSqrFtDegFtOwattPerMeterK(10)

NISTukThUnthInchPerSecSqrFtDegFtOwattPerMeterK

Convert British thermal unitth inch per second square foot degree Fahrenheit to watt per meter kelvin

Description

NISTukThUnthInchPerSecSqrFtDegFtOwattPerMeterK converts from British thermal unitth inch per second square foot degree Fahrenheit [Btuth * in /(s * ft² * F)] to watt per meter kelvin [W/(m * K)]

Usage

NISTukThUnthInchPerSecSqrFtDegFtOwattPerMeterK(ukThUnthInchPerSecSqrFtDegF)

Arguments

ukThUnthInchPerSecSqrFtDegF

British thermal unitth inch per second square foot degree Fahrenheit [Btuth * in /(s * ft² * F)]

Value

watt per meter kelvin [W/(m * K)]

Author(s)

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Examples

NISTukThUnthInchPerSecSqrFtDegFtOwattPerMeterK(10)

NISTukThUnthPerCubFtTOjoulePerCubMeter

Convert British thermal unitth per cubic foot to joule per cubic meter

Description

NISTukThUnthPerCubFtTOjoulePerCubMeter converts from British thermal unitth per cubic foot (Btuth/ft3) to joule per cubic meter (J/m3)

Usage

NISTukThUnthPerCubFtTOjoulePerCubMeter(ukThUnthPerCubFt)

Arguments

ukThUnthPerCubFt

British thermal unitth per cubic foot (Btuth/ft3)

Value

joule per cubic meter (J/m3)

Author(s)

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Examples

NISTukThUnthPerCubFtTOjoulePerCubMeter(10)

NISTukThUnthPerDegFtOjoulePerK

Convert British thermal unitth per degree Fahrenheit to joule per kelvin

Description

NISTukThUnthPerDegFtOjoulePerK converts from British thermal unitth per degree Fahrenheit (Btuth/F) to joule per kelvin (J/K)

Usage

NISTukThUnthPerDegFtOjoulePerK(ukThUnthPerDegF)

Arguments

ukThUnthPerDegF

British thermal unitth per degree Fahrenheit (Btuth/F)

Value

joule per kelvin (J/K)

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Examples

NISTukThUnthPerDegFtOjoulePerK(10)

NISTukThUnthPerDegRankineTOjoulePerK

Convert British thermal unitth per degree Rankine to joule per kelvin

Description

NISTukThUnthPerDegRankineTOjoulePerK converts from British thermal unitth per degree Rankine (Btuth/R) to joule per kelvin (J/K)

Usage

NISTukThUnthPerDegRankineTOjoulePerK(ukThUnthPerDegRankine)

Arguments

ukThUnthPerDegRankine

British thermal unitth per degree Rankine (Btuth/R)

Value

joule per kelvin (J/K)

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Examples

NISTukThUnthPerDegRankineTOjoulePerK(10)

NISTukThUnthPerHourSqrFtDegFtOwattPerSqrMeterK

*Convert British thermal unitth per hour square foot degree Fahrenheit
to watt per square meter kelvin*

Description

NISTukThUnthPerHourSqrFtDegFtOwattPerSqrMeterK converts from British thermal unitth per hour square foot degree Fahrenheit [Btuth/(h * ft² * F)] to watt per square meter kelvin [W/(m² * K)]

Usage

NISTukThUnthPerHourSqrFtDegFtOwattPerSqrMeterK(ukThUnthPerHourSqrFtDegF)

Arguments

ukThUnthPerHourSqrFtDegF

British thermal unitth per hour square foot degree Fahrenheit [Btuth/(h * ft² * F)]

Value

watt per square meter kelvin [W/(m² * K)]

Author(s)

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Examples

NISTukThUnthPerHourSqrFtDegFtOwattPerSqrMeterK(10)

NISTukThUnthPerHourTOwatt

Convert British thermal unitth per hour to watt

Description

NISTukThUnthPerHourTOwatt converts from British thermal unitth per hour (Btuth/h) to watt (W)

Usage

NISTukThUnthPerHourTOwatt(ukThUnthPerHour)

Arguments

ukThUnthPerHour

British thermal unitth per hour (Btuth/h)

Value

watt (W)

Author(s)

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Examples

NISTukThUnthPerHourTOwatt(10)

NISTukThUnthPerMinTOwatt

Convert British thermal unitth per minute to watt

Description

NISTukThUnthPerMinTOwatt converts from British thermal unitth per minute (Btuth/min) to watt (W)

Usage

NISTukThUnthPerMinTOwatt(ukThUnthPerMin)

Arguments

ukThUnthPerMin British thermal unitth per minute (Btuth/min)

Value

watt (W)

Author(s)

Jose Gama

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Examples

NISTukThUnthPerMinTOwatt(10)

NISTukThUnthPerPoundDegFtOjoulePerKgK

Convert British thermal unitth per pound degree Fahrenheit to joule per kilogram kelvin

Description

NISTukThUnthPerPoundDegFtOjoulePerKgK converts from British thermal unitth per pound degree Fahrenheit [Btuth/(lb * F)] to joule per kilogram kelvin [J/(kg * K)]

Usage

NISTukThUnthPerPoundDegFtOjoulePerKgK(ukThUnthPerPoundDegF)

Arguments

ukThUnthPerPoundDegF

British thermal unitth per pound degree Fahrenheit [Btuth/(lb * F)]

Value

joule per kilogram kelvin [J/(kg * K)]

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Examples

NISTukThUnthPerPoundDegFtOjoulePerKgK(10)

NISTukThUnthPerPoundDegRankineTOjoulePerKgK

Convert British thermal unitth per pound degree Rankine to joule per kilogram kelvin

Description

NISTukThUnthPerPoundDegRankineTOjoulePerKgK converts from British thermal unitth per pound degree Rankine [Btuth/(lb * R)] to joule per kilogram kelvin [J/(kg * K)]

Usage

NISTukThUnthPerPoundDegRankineTOjoulePerKgK(ukThUnthPerPoundDegRankine)

Arguments

ukThUnthPerPoundDegRankine
British thermal unitth per pound degree Rankine [Btuth/(lb * R)]

Value

joule per kilogram kelvin [J/(kg * K)]

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Examples

NISTukThUnthPerPoundDegRankineTOjoulePerKgK(10)

NISTukThUnthPerPoundTOjoulePerKg

Convert British thermal unitth per pound to joule per kilogram

Description

NISTukThUnthPerPoundTOjoulePerKg converts from British thermal unitth per pound (Btuth/lb) to joule per kilogram (J/kg)

Usage

NISTukThUnthPerPoundTOjoulePerKg(ukThUnthPerPound)

Arguments

ukThUnthPerPound

British thermal unitth per pound (Btuth/lb)

Value

joule per kilogram (J/kg)

Author(s)

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Examples

NISTukThUnthPerPoundTOjoulePerKg(10)

NISTukThUnthPerSecSqrFtDegFtOwattPerSqrMeterK

Convert British thermal unitth per second square foot degree Fahrenheit to watt per square meter kelvin

Description

NISTukThUnthPerSecSqrFtDegFtOwattPerSqrMeterK converts from British thermal unitth per second square foot degree Fahrenheit [Btuth/(s * ft2 * F)] to watt per square meter kelvin [W/(m2 * K)]

Usage

NISTukThUnthPerSecSqrFtDegFtOwattPerSqrMeterK(ukThUnthPerSecSqrFtDegF)

Arguments

ukThUnthPerSecSqrFtDegF

British thermal unitth per second square foot degree Fahrenheit [Btuth/(s * ft2 * F)]

Value

watt per square meter kelvin [W/(m2 * K)]

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Examples

NISTukThUnthPerSecSqrFtDegFtOwattPerSqrMeterK(10)

NISTukThUnthPerSecTOwatt

Convert British thermal unitth per second to watt

Description

NISTukThUnthPerSecTOwatt converts from British thermal unitth per second (Btuth/s) to watt (W)

Usage

NISTukThUnthPerSecTOwatt(ukThUnthPerSec)

Arguments

ukThUnthPerSec British thermal unitth per second (Btuth/s)

Value

watt (W)

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Examples

NISTukThUnthPerSecTOwatt(10)

NISTukThUnthPerSqrFtHourTOwattPerSqrMeter

Convert British thermal unitth per square foot hour to watt per square meter

Description

NISTukThUnthPerSqrFtHourTOwattPerSqrMeter converts from British thermal unitth per square foot hour [Btuth/(ft2 * h)] to watt per square meter (W/m2)

Usage

NISTukThUnthPerSqrFtHourTOwattPerSqrMeter(ukThUnthPerSqrFtHour)

Arguments

ukThUnthPerSqrFtHour

British thermal unitth per square foot hour [Btuth/(ft2 * h)]

Value

watt per square meter (W/m2)

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Examples

NISTukThUnthPerSqrFtHourTOwattPerSqrMeter(10)

NISTukThUnthPerSqrFtMinTOwattPerSqrMeter

Convert British thermal unitth per square foot minute to watt per square meter

Description

NISTukThUnthPerSqrFtMinTOwattPerSqrMeter converts from British thermal unitth per square foot minute [Btuth/(ft² * min)] to watt per square meter (W/m²)

Usage

NISTukThUnthPerSqrFtMinTOwattPerSqrMeter(ukThUnthPerSqrFtMin)

Arguments

ukThUnthPerSqrFtMin

British thermal unitth per square foot minute [Btuth/(ft² * min)]

Value

watt per square meter (W/m²)

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Examples

NISTukThUnthPerSqrFtMinTOwattPerSqrMeter(10)

NISTukThUnthPerSqrFtSecTOwattPerSqrMeter

Convert British thermal unitth per square foot second to watt per square meter

Description

NISTukThUnthPerSqrFtSecTOwattPerSqrMeter converts from British thermal unitth per square foot second [Btuth/(ft² * s)] to watt per square meter (W/m²)

Usage

NISTukThUnthPerSqrFtSecTOwattPerSqrMeter(ukThUnthPerSqrFtSec)

Arguments

ukThUnthPerSqrFtSec

British thermal unitth per square foot second [Btuth/(ft² * s)]

Value

watt per square meter (W/m²)

Author(s)

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Examples

NISTukThUnthPerSqrFtSecTOwattPerSqrMeter(10)

NISTukThUnthPerSqrFtTOjoulePerSqrMeter

Convert British thermal unitth per square foot to joule per square meter

Description

NISTukThUnthPerSqrFtTOjoulePerSqrMeter converts from British thermal unitth per square foot (Btuth/ft2) to joule per square meter (J/m2)

Usage

NISTukThUnthPerSqrFtTOjoulePerSqrMeter(ukThUnthPerSqrFt)

Arguments

ukThUnthPerSqrFt

British thermal unitth per square foot (Btuth/ft2)

Value

joule per square meter (J/m2)

Author(s)

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Examples

NISTukThUnthPerSqrFtTOjoulePerSqrMeter(10)

NISTukThUnthPerSqrInchSecTOwattPerSqrMeter

Convert British thermal unitth per square inch second to watt per square meter

Description

NISTukThUnthPerSqrInchSecTOwattPerSqrMeter converts from British thermal unitth per square inch second [Btuth/(in2 * s)] to watt per square meter (W/m2)

Usage

NISTukThUnthPerSqrInchSecTOwattPerSqrMeter(ukThUnthPerSqrInchSec)

Arguments

ukThUnthPerSqrInchSec
British thermal unitth per square inch second [Btuth/(in2 * s)]

Value

watt per square meter (W/m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTukThUnthPerSqrInchSecTOwattPerSqrMeter(10)

NISTukThUnthTOjoule *Convert British thermal unitth 9 to joule*

Description

NISTukThUnthTOjoule converts from British thermal unitth (Btuth) 9 to joule (J)

Usage

NISTukThUnthTOjoule(ukThUnth)

Arguments

ukThUnth British thermal unitth (Btuth) 9

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTukThUnthTOjoule(10)

NISTukThUnTOjoule	<i>Convert British thermal unit to joule</i>
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Description

NISTukThUnTOjoule converts from British thermal unit (mean) (Btu) to joule (J)

Usage

NISTukThUnTOjoule(ukThUn)

Arguments

ukThUn	British thermal unit (mean) (Btu)
--------	-----------------------------------

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTukThUnTOjoule(10)

NISTunPoleToweber	<i>Convert unit pole to weber</i>
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Description

NISTunPoleToweber converts from unit pole to weber (Wb)

Usage

NISTunPoleToweber(unPole)

Arguments

unPole	unit pole
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Value

weber (Wb)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTunPoleToweber(10)

NISTvoltTOabvolt	<i>Convert volt to abvolt</i>
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Description

NISTvoltTOabvolt converts from volt (V) to abvolt

Usage

NISTvoltTOabvolt(volt)

Arguments

volt	volt (V)
------	----------

Value

abvolt

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTvoltTOabvolt(10)

`NISTvoltToEMUOfElectricPotential`*Convert volt to EMU of electric potential*

Description

`NISTvoltToEMUOfElectricPotential` converts from volt (V) to EMU of electric potential (abvolt)

Usage

`NISTvoltToEMUOfElectricPotential(volt)`

Arguments

<code>volt</code>	volt (V)
-------------------	----------

Value

EMU of electric potential (abvolt)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

`NISTvoltToEMUOfElectricPotential(10)`

`NISTvoltToESUOfElectricPotential`*Convert volt to ESU of electric potential*

Description

`NISTvoltToESUOfElectricPotential` converts from volt (V) to ESU of electric potential (stat-volt)

Usage

`NISTvoltToESUOfElectricPotential(volt)`

Arguments

<code>volt</code>	<code>volt (V)</code>
-------------------	-----------------------

Value

ESU of electric potential (statvolt)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

`NISTvoltToESUOfElectricPotential(10)`

NISTvoltTostatvolt	<i>Convert volt to statvolt</i>
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Description

NISTvoltTostatvolt converts from volt (V) to statvolt

Usage

NISTvoltTostatvolt(volt)

Arguments

volt	volt (V)
------	----------

Value

statvolt

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTvoltTostatvolt(10)

NISTwattHourTOjoule	<i>Convert watt hour to joule</i>
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Description

NISTwattHourTOjoule converts from watt hour (W * h) to joule (J)

Usage

NISTwattHourTOjoule(wattHour)

Arguments

wattHour	watt hour (W * h)
----------	-------------------

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTwattHourTOjoule(10)

NISTwattPerMeterKtOcalthPerCmSecDegC

Convert watt per meter kelvin to calorieth per centimeter second degree Celsius

Description

NISTwattPerMeterKtOcalthPerCmSecDegC converts from watt per meter kelvin [$\text{W}/(\text{m} * \text{K})$] to calorieth per centimeter second degree Celsius [$\text{calth}/(\text{cm} * \text{s} * \text{C})$]

Usage

NISTwattPerMeterKtOcalthPerCmSecDegC(wattPerMeterK)

Arguments

wattPerMeterK watt per meter kelvin [$\text{W}/(\text{m} * \text{K})$]

Value

calorieth per centimeter second degree Celsius [$\text{calth}/(\text{cm} * \text{s} * \text{C})$]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTwattPerMeterKtOcalthPerCmSecDegC(10)

NISTwattPerMeterKtOukThUnITFtPerHourSqrFtDegF

*Convert watt per meter kelvin to British thermal unitIT foot per hour
square foot degree Fahrenheit*

Description

NISTwattPerMeterKtOukThUnITFtPerHourSqrFtDegF converts from watt per meter kelvin [W/(m * K)] to British thermal unitIT foot per hour square foot degree Fahrenheit [BtuIT * ft/(h * ft² * F)]

Usage

NISTwattPerMeterKtOukThUnITFtPerHourSqrFtDegF (wattPerMeterK)

Arguments

wattPerMeterK watt per meter kelvin [W/(m * K)]

Value

British thermal unitIT foot per hour square foot degree Fahrenheit [BtuIT * ft/(h * ft² * F)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTwattPerMeterKtOukThUnITFtPerHourSqrFtDegF(10)

NISTwattPerMeterKtOukThUnITInchPerHourSqrFtDegF

Convert watt per meter kelvin to British thermal unitIT inch per hour square foot degree Fahrenheit

Description

NISTwattPerMeterKtOukThUnITInchPerHourSqrFtDegF converts from watt per meter kelvin [W/(m * K)] to British thermal unitIT inch per hour square foot degree Fahrenheit [BtuIT * in/(h * ft² * F)]

Usage

NISTwattPerMeterKtOukThUnITInchPerHourSqrFtDegF(wattPerMeterK)

Arguments

wattPerMeterK watt per meter kelvin [W/(m * K)]

Value

British thermal unitIT inch per hour square foot degree Fahrenheit [BtuIT * in/(h * ft² * F)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTwattPerMeterKtOukThUnITInchPerHourSqrFtDegF(10)

NISTwattPerMeterKtOukThUnITInchPerSecSqrFtDegF

*Convert watt per meter kelvin to British thermal unitIT inch per second
square foot degree Fahrenheit*

Description

NISTwattPerMeterKtOukThUnITInchPerSecSqrFtDegF converts from watt per meter kelvin [W/(m * K)] to British thermal unitIT inch per second square foot degree Fahrenheit [BtuIT * in /(s * ft2 * F)]

Usage

NISTwattPerMeterKtOukThUnITInchPerSecSqrFtDegF(wattPerMeterK)

Arguments

wattPerMeterK watt per meter kelvin [W/(m * K)]

Value

British thermal unitIT inch per second square foot degree Fahrenheit [BtuIT * in /(s * ft2 * F)]

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTwattPerMeterKtOukThUnITInchPerSecSqrFtDegF(10)

NISTwattPerMeterKtOukThUnthFtPerHourSqrFtDegF

Convert watt per meter kelvin to British thermal unitth foot per hour square foot degree Fahrenheit

Description

NISTwattPerMeterKtOukThUnthFtPerHourSqrFtDegF converts from watt per meter kelvin [$\text{W}/(\text{m} * \text{K})$] to British thermal unitth foot per hour square foot degree Fahrenheit [$\text{Btuth} * \text{ft}/(\text{h} * \text{ft}^2 * \text{F})$]

Usage

NISTwattPerMeterKtOukThUnthFtPerHourSqrFtDegF (wattPerMeterK)

Arguments

wattPerMeterK watt per meter kelvin [$\text{W}/(\text{m} * \text{K})$]

Value

British thermal unitth foot per hour square foot degree Fahrenheit [$\text{Btuth} * \text{ft}/(\text{h} * \text{ft}^2 * \text{F})$]

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTwattPerMeterKtOukThUnthFtPerHourSqrFtDegF(10)

NISTwattPerMeterKtOukThUnthInchPerHourSqrFtDegF

*Convert watt per meter kelvin to British thermal unitth inch per hour
square foot degree Fahrenheit*

Description

NISTwattPerMeterKtOukThUnthInchPerHourSqrFtDegF converts from watt per meter kelvin [$\text{W} / (\text{m} * \text{K})$] to British thermal unitth inch per hour square foot degree Fahrenheit [$\text{Btuth} * \text{in}/(\text{h} * \text{ft}^2 * \text{F})$]

Usage

NISTwattPerMeterKtOukThUnthInchPerHourSqrFtDegF(wattPerMeterK)

Arguments

wattPerMeterK watt per meter kelvin [$\text{W} / (\text{m} * \text{K})$]

Value

British thermal unitth inch per hour square foot degree Fahrenheit [$\text{Btuth} * \text{in}/(\text{h} * \text{ft}^2 * \text{F})$]

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTwattPerMeterKtOukThUnthInchPerHourSqrFtDegF(10)

NISTwattPerMeterKtOukThUnthInchPerSecSqrFtDegF

Convert watt per meter kelvin to British thermal unitth inch per second square foot degree Fahrenheit

Description

NISTwattPerMeterKtOukThUnthInchPerSecSqrFtDegF converts from watt per meter kelvin [W/(m * K)] to British thermal unitth inch per second square foot degree Fahrenheit [Btuth * in /(s * ft2 * F)]

Usage

NISTwattPerMeterKtOukThUnthInchPerSecSqrFtDegF(wattPerMeterK)

Arguments

wattPerMeterK watt per meter kelvin [W/(m * K)]

Value

British thermal unitth inch per second square foot degree Fahrenheit [Btuth * in /(s * ft2 * F)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTwattPerMeterKtOukThUnthInchPerSecSqrFtDegF(10)

NISTwattPerSqrCmTOwattPerSqrMeter

Convert watt per square centimeter to watt per square meter

Description

NISTwattPerSqrCmTOwattPerSqrMeter converts from watt per square centimeter (W/cm²) to watt per square meter (W/m²)

Usage

NISTwattPerSqrCmTOwattPerSqrMeter(wattPerSqrCm)

Arguments

wattPerSqrCm watt per square centimeter (W/cm²)

Value

watt per square meter (W/m²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTwattPerSqrCmTOwattPerSqrMeter(10)

NISTwattPerSqrInchTOwattPerSqrMeter

Convert watt per square inch to watt per square meter

Description

NISTwattPerSqrInchTOwattPerSqrMeter converts from watt per square inch (W/in²) to watt per square meter (W/m²)

Usage

NISTwattPerSqrInchTOwattPerSqrMeter(wattPerSqrInch)

Arguments

wattPerSqrInch watt per square inch (W/in²)

Value

watt per square meter (W/m²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTwattPerSqrInchTOwattPerSqrMeter(10)

NISTwattPerSqrMeterKtOukThUnITPerHourSqrFtDegF

Convert watt per square meter kelvin to British thermal unitIT per hour square foot degree Fahrenheit

Description

NISTwattPerSqrMeterKtOukThUnITPerHourSqrFtDegF converts from watt per square meter kelvin [W/(m² * K)] to British thermal unitIT per hour square foot degree Fahrenheit [BtuIT/(h * ft² * F)]

Usage

NISTwattPerSqrMeterKtOukThUnITPerHourSqrFtDegF(wattPerSqrMeterK)

Arguments

wattPerSqrMeterK

watt per square meter kelvin [W/(m² * K)]

Value

British thermal unitIT per hour square foot degree Fahrenheit [BtuIT/(h * ft² * F)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTwattPerSqrMeterKtOukThUnITPerHourSqrFtDegF(10)

NISTwattPerSqrMeterKtOukThUnITPerSecSqrFtDegF

Convert watt per square meter kelvin to British thermal unitIT per second square foot degree Fahrenheit

Description

NISTwattPerSqrMeterKtOukThUnITPerSecSqrFtDegF converts from watt per square meter kelvin [W/(m² * K)] to British thermal unitIT per second square foot degree Fahrenheit [BtuIT/(s * ft² * F)]

Usage

NISTwattPerSqrMeterKtOukThUnITPerSecSqrFtDegF (wattPerSqrMeterK)

Arguments

wattPerSqrMeterK

watt per square meter kelvin [W/(m² * K)]

Value

British thermal unitIT per second square foot degree Fahrenheit [BtuIT/(s * ft² * F)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTwattPerSqrMeterKtOukThUnITPerSecSqrFtDegF(10)

NISTwattPerSqrMeterKtOukThUnthPerHourSqrFtDegF

*Convert watt per square meter kelvin to British thermal unitth per hour
square foot degree Fahrenheit*

Description

NISTwattPerSqrMeterKtOukThUnthPerHourSqrFtDegF converts from watt per square meter kelvin [W/(m² * K)] to British thermal unitth per hour square foot degree Fahrenheit [Btuth/(h * ft² * F)]

Usage

NISTwattPerSqrMeterKtOukThUnthPerHourSqrFtDegF(wattPerSqrMeterK)

Arguments

wattPerSqrMeterK

watt per square meter kelvin [W/(m² * K)]

Value

British thermal unitth per hour square foot degree Fahrenheit [Btuth/(h * ft² * F)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTwattPerSqrMeterKtOukThUnthPerHourSqrFtDegF(10)

NISTwattPerSqrMeterKtOukThUnthPerSecSqrFtDegF

Convert watt per square meter kelvin to British thermal unitth per second square foot degree Fahrenheit

Description

NISTwattPerSqrMeterKtOukThUnthPerSecSqrFtDegF converts from watt per square meter kelvin [W/(m² * K)] to British thermal unitth per second square foot degree Fahrenheit [Btuth/(s * ft² * F)]

Usage

NISTwattPerSqrMeterKtOukThUnthPerSecSqrFtDegF (wattPerSqrMeterK)

Arguments

wattPerSqrMeterK

watt per square meter kelvin [W/(m² * K)]

Value

British thermal unitth per second square foot degree Fahrenheit [Btuth/(s * ft² * F)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTwattPerSqrMeterKtOukThUnthPerSecSqrFtDegF(10)

NISTwattPerSqrMeterTOcalthPerSqrCmMin

Convert watt per square meter to calorieth per square centimeter minute

Description

NISTwattPerSqrMeterTOcalthPerSqrCmMin converts from watt per square meter (W/m²) to calorieth per square centimeter minute [calth/(cm² * min)]

Usage

NISTwattPerSqrMeterTOcalthPerSqrCmMin(wattPerSqrMeter)

Arguments

wattPerSqrMeter
watt per square meter (W/m²)

Value

calorieth per square centimeter minute [calth/(cm² * min)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTwattPerSqrMeterTOcalthPerSqrCmMin(10)

NISTwattPerSqrMeterTOcalthPerSqrCmSec

Convert watt per square meter to calorieth per square centimeter second

Description

NISTwattPerSqrMeterTOcalthPerSqrCmSec converts from watt per square meter (W/m²) to calorieth per square centimeter second [calth/(cm² * s)]

Usage

NISTwattPerSqrMeterTOcalthPerSqrCmSec(wattPerSqrMeter)

Arguments

wattPerSqrMeter
watt per square meter (W/m²)

Value

calorieth per square centimeter second [calth/(cm² * s)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTwattPerSqrMeterTOcalthPerSqrCmSec(10)

NISTwattPerSqrMeterTOergPerSqrCmSec*Convert watt per square meter to erg per square centimeter second*

Description

NISTwattPerSqrMeterTOergPerSqrCmSec converts from watt per square meter (W/m²) to erg per square centimeter second [erg/(cm² * s)]

Usage

NISTwattPerSqrMeterTOergPerSqrCmSec(wattPerSqrMeter)

Arguments

wattPerSqrMeter
watt per square meter (W/m²)

Value

erg per square centimeter second [erg/(cm² * s)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTwattPerSqrMeterTOergPerSqrCmSec(10)

NISTwattPerSqrMeterTOukThUnITPerSqrFtHour

Convert watt per square meter to British thermal unitIT per square foot hour

Description

NISTwattPerSqrMeterTOukThUnITPerSqrFtHour converts from watt per square meter (W/m²) to British thermal unitIT per square foot hour [BtuIT/(ft² * h)]

Usage

NISTwattPerSqrMeterTOukThUnITPerSqrFtHour(wattPerSqrMeter)

Arguments

wattPerSqrMeter
watt per square meter (W/m²)

Value

British thermal unitIT per square foot hour [BtuIT/(ft² * h)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTwattPerSqrMeterTOukThUnITPerSqrFtHour(10)

NISTwattPerSqrMeterTOukThUnITPerSqrFtSec

Convert watt per square meter to British thermal unitIT per square foot second

Description

NISTwattPerSqrMeterTOukThUnITPerSqrFtSec converts from watt per square meter (W/m²) to British thermal unitIT per square foot second [BtuIT/(ft² * s)]

Usage

NISTwattPerSqrMeterTOukThUnITPerSqrFtSec(wattPerSqrMeter)

Arguments

wattPerSqrMeter
watt per square meter (W/m²)

Value

British thermal unitIT per square foot second [BtuIT/(ft² * s)]

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTwattPerSqrMeterTOukThUnITPerSqrFtSec(10)

NISTwattPerSqrMeterTOukThUnthPerSqrFtHour

Convert watt per square meter to British thermal unitth per square foot hour

Description

NISTwattPerSqrMeterTOukThUnthPerSqrFtHour converts from watt per square meter (W/m²) to British thermal unitth per square foot hour [Btuth/(ft² * h)]

Usage

NISTwattPerSqrMeterTOukThUnthPerSqrFtHour(wattPerSqrMeter)

Arguments

wattPerSqrMeter
watt per square meter (W/m²)

Value

British thermal unitth per square foot hour [Btuth/(ft² * h)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTwattPerSqrMeterTOukThUnthPerSqrFtHour(10)

NISTwattPerSqrMeterTOukThUnthPerSqrFtMin

Convert watt per square meter to British thermal unitth per square foot minute

Description

NISTwattPerSqrMeterTOukThUnthPerSqrFtMin converts from watt per square meter (W/m2) to British thermal unitth per square foot minute [Btuth/(ft2 * min)]

Usage

NISTwattPerSqrMeterTOukThUnthPerSqrFtMin(wattPerSqrMeter)

Arguments

wattPerSqrMeter
watt per square meter (W/m2)

Value

British thermal unitth per square foot minute [Btuth/(ft2 * min)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTwattPerSqrMeterTOukThUnthPerSqrFtMin(10)

NISTwattPerSqrMeterTOukThUnthPerSqrFtSec

Convert watt per square meter to British thermal unitth per square foot second

Description

NISTwattPerSqrMeterTOukThUnthPerSqrFtSec converts from watt per square meter (W/m²) to British thermal unitth per square foot second [Btuth/(ft² * s)]

Usage

NISTwattPerSqrMeterTOukThUnthPerSqrFtSec(wattPerSqrMeter)

Arguments

wattPerSqrMeter
watt per square meter (W/m²)

Value

British thermal unitth per square foot second [Btuth/(ft² * s)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTwattPerSqrMeterTOukThUnthPerSqrFtSec(10)

NISTwattPerSqrMeterTOukThUnthPerSqrInchSec

Convert watt per square meter to British thermal unitth per square inch second

Description

NISTwattPerSqrMeterTOukThUnthPerSqrInchSec converts from watt per square meter (W/m²) to British thermal unitth per square inch second [Btuth/(in² * s)]

Usage

NISTwattPerSqrMeterTOukThUnthPerSqrInchSec(wattPerSqrMeter)

Arguments

wattPerSqrMeter
watt per square meter (W/m²)

Value

British thermal unitth per square inch second [Btuth/(in² * s)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTwattPerSqrMeterTOukThUnthPerSqrInchSec(10)

NISTwattPerSqrMeterTOwattPerSqrCm

Convert watt per square meter to watt per square centimeter

Description

NISTwattPerSqrMeterTOwattPerSqrCm converts from watt per square meter (W/m²) to watt per square centimeter (W/cm²)

Usage

NISTwattPerSqrMeterTOwattPerSqrCm(wattPerSqrMeter)

Arguments

wattPerSqrMeter
watt per square meter (W/m²)

Value

watt per square centimeter (W/cm²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTwattPerSqrMeterTOwattPerSqrCm(10)

NISTwattPerSqrMeterTOwattPerSqrInch

Convert watt per square meter to watt per square inch

Description

NISTwattPerSqrMeterTOwattPerSqrInch converts from watt per square meter (W/m²) to watt per square inch (W/in²)

Usage

NISTwattPerSqrMeterTOwattPerSqrInch(wattPerSqrMeter)

Arguments

wattPerSqrMeter
watt per square meter (W/m²)

Value

watt per square inch (W/in²)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTwattPerSqrMeterTOwattPerSqrInch(10)

NISTwattSecTOjoule	<i>Convert watt second to joule</i>
--------------------	-------------------------------------

Description

NISTwattSecTOjoule converts from watt second ($W * s$) to joule (J)

Usage

NISTwattSecTOjoule(wattSec)

Arguments

wattSec	watt second ($W * s$)
---------	-------------------------

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTwattSecTOjoule(10)

NISTwattTOcalthPerMin *Convert watt to calorieth per minute*

Description

NISTwattTOcalthPerMin converts from watt (W) to calorieth per minute (calth/min)

Usage

NISTwattTOcalthPerMin(watt)

Arguments

watt	watt (W)
------	----------

Value

calorieth per minute (calth/min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTwattTOcalthPerMin(10)

NISTwattTOcalthPerSec *Convert watt to calorieth per second*

Description

NISTwattTOcalthPerSec converts from watt (W) to calorieth per second (calth/s)

Usage

NISTwattTOcalthPerSec(watt)

Arguments

watt	watt (W)
------	----------

Value

calorieth per second (calth/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTwattTOcalthPerSec(10)

NISTwattTOergPerSec	<i>Convert watt to erg per second</i>
---------------------	---------------------------------------

Description

NISTwattTOergPerSec converts from watt (W) to erg per second (erg/s)

Usage

NISTwattTOergPerSec(watt)

Arguments

watt	watt (W)
------	----------

Value

erg per second (erg/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTwattTOergPerSec(10)

NISTwattTOftPoundForcePerHour

Convert watt to foot pound-force per hour

Description

NISTwattTOftPoundForcePerHour converts from watt (W) to foot pound-force per hour (ft * lbf/h)

Usage

NISTwattTOftPoundForcePerHour(watt)

Arguments

watt	watt (W)
------	----------

Value

foot pound-force per hour (ft * lbf/h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTwattTOftPoundForcePerHour(10)

NISTwattTOftPoundForcePerMin

Convert watt to foot pound-force per minute

Description

NISTwattTOftPoundForcePerMin converts from watt (W) to foot pound-force per minute (ft * lbf/min)

Usage

NISTwattTOftPoundForcePerMin(watt)

Arguments

watt	watt (W)
------	----------

Value

foot pound-force per minute (ft * lbf/min)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTwattTOftPoundForcePerMin(10)

NISTwattTOftPoundForcePerSec

Convert watt to foot pound-force per second

Description

NISTwattTOftPoundForcePerSec converts from watt (W) to foot pound-force per second (ft * lbf/s)

Usage

NISTwattTOftPoundForcePerSec(watt)

Arguments

watt	watt (W)
------	----------

Value

foot pound-force per second (ft * lbf/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTwattTOftPoundForcePerSec(10)

NISTwattTOhorsepower *Convert watt to horsepower*

Description

NISTwattTOhorsepower converts from watt (W) to horsepower (550 ft * lbf/s) (hp)

Usage

NISTwattTOhorsepower(watt)

Arguments

watt watt (W)

Value

horsepower (550 ft * lbf/s) (hp)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTwattTOhorsepower(10)

NISTwattTOhorsepowerBoiler

Convert watt to horsepower

Description

NISTwattTOhorsepowerBoiler converts from watt (W) to horsepower (boiler)

Usage

NISTwattTOhorsepowerBoiler(watt)

Arguments

watt	watt (W)
------	----------

Value

horsepower (boiler)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTwattTOhorsepowerBoiler(10)

NISTwattTOhorsepowerElectric
Convert watt to horsepower

Description

NISTwattTOhorsepowerElectric converts from watt (W) to horsepower (electric)

Usage

NISTwattTOhorsepowerElectric(watt)

Arguments

watt	watt (W)
------	----------

Value

horsepower (electric)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTwattTOhorsepowerElectric(10)

NISTwattTOhorsepowerImperial
Convert watt to horsepower

Description

NISTwattTOhorsepowerImperial converts from watt (W) to horsepower (U.K.)

Usage

NISTwattTOhorsepowerImperial(watt)

Arguments

watt	watt (W)
------	----------

Value

horsepower (U.K.)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTwattTOhorsepowerImperial(10)

`NISTwattTOhorsepowerSI`*Convert watt to horsepower*

Description

NISTwattTOhorsepowerSI converts from watt (W) to horsepower (metric)

Usage

`NISTwattTOhorsepowerSI(watt)`

Arguments

<code>watt</code>	watt (W)
-------------------	----------

Value

horsepower (metric)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

`NISTwattTOhorsepowerSI(10)`

NISTwattTOhorsepowerWater

Convert watt to horsepower

Description

NISTwattTOhorsepowerWater converts from watt (W) to horsepower (water)

Usage

NISTwattTOhorsepowerWater(watt)

Arguments

watt	watt (W)
------	----------

Value

horsepower (water)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTwattTOhorsepowerWater(10)

NISTwattTOkilocalthPerMin

Convert watt to kilocalorieth per minute

Description

NISTwattTOkilocalthPerMin converts from watt (W) to kilocalorieth per minute (kcalth/min)

Usage

NISTwattTOkilocalthPerMin(watt)

Arguments

watt	watt (W)
------	----------

Value

kilocalorieth per minute (kcalth/min)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTwattTOkilocalthPerMin(10)

NISTwattTOkilocalthPerSec

Convert watt to kilocalorieth per second

Description

NISTwattTOkilocalthPerSec converts from watt (W) to kilocalorieth per second (kcalth/s)

Usage

NISTwattTOkilocalthPerSec(watt)

Arguments

watt	watt (W)
------	----------

Value

kilocalorieth per second (kcalth/s)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTwattTOkilocalthPerSec(10)

NISTwattTOtonOfRefrigeration

Convert watt to ton of refrigeration

Description

NISTwattTOtonOfRefrigeration converts from watt (W) to ton of refrigeration (12 000 BtuIT/h)

Usage

NISTwattTOtonOfRefrigeration(watt)

Arguments

watt	watt (W)
------	----------

Value

ton of refrigeration (12 000 BtuIT/h)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

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Examples

NISTwattTOtonOfRefrigeration(10)

NISTwattTOukThUnITPerHour

Convert watt to British thermal unitIT per hour

Description

NISTwattTOukThUnITPerHour converts from watt (W) to British thermal unitIT per hour (BtuIT/h)

Usage

NISTwattTOukThUnITPerHour(watt)

Arguments

watt	watt (W)
------	----------

Value

British thermal unitIT per hour (BtuIT/h)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTwattTOukThUnITPerHour(10)

NISTwattTOukThUnITPerSec*Convert watt to British thermal unitIT per second*

Description

NISTwattTOukThUnITPerSec converts from watt (W) to British thermal unitIT per second (BtuIT/s)

Usage

NISTwattTOukThUnITPerSec(watt)

Arguments

watt	watt (W)
------	----------

Value

British thermal unitIT per second (BtuIT/s)

Author(s)

Jose Gama

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Examples

NISTwattTOukThUnITPerSec(10)

NISTwattTOukThUnthPerHour

Convert watt to British thermal unitth per hour

Description

NISTwattTOukThUnthPerHour converts from watt (W) to British thermal unitth per hour (Btuth/h)

Usage

NISTwattTOukThUnthPerHour(watt)

Arguments

watt	watt (W)
------	----------

Value

British thermal unitth per hour (Btuth/h)

Author(s)

Jose Gama

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Examples

NISTwattTOukThUnthPerHour(10)

NISTwattTOukThUnthPerMin

Convert watt to British thermal unitth per minute

Description

NISTwattTOukThUnthPerMin converts from watt (W) to British thermal unitth per minute (Btuth/min)

Usage

NISTwattTOukThUnthPerMin(watt)

Arguments

watt	watt (W)
------	----------

Value

British thermal unitth per minute (Btuth/min)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTwattTOukThUnthPerMin(10)

NISTwattTOukThUnthPerSec

Convert watt to British thermal unitth per second

Description

NISTwattTOukThUnthPerSec converts from watt (W) to British thermal unitth per second (Btuth/s)

Usage

NISTwattTOukThUnthPerSec(watt)

Arguments

watt	watt (W)
------	----------

Value

British thermal unitth per second (Btuth/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

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Examples

NISTwattTOukThUnthPerSec(10)

NISTweberTOMaxwell	<i>Convert weber to maxwell</i>
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Description

NISTweberTOMaxwell converts from weber (Wb) to maxwell (Mx)

Usage

NISTweberTOMaxwell(weber)

Arguments

weber	weber (Wb)
-------	------------

Value

maxwell (Mx)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTweberTOMaxwell(10)

NISTweberTOunPole	<i>Convert weber to unit pole</i>
-------------------	-----------------------------------

Description

NISTweberTOunPole converts from weber (Wb) to unit pole

Usage

NISTweberTOunPole(weber)

Arguments

weber	weber (Wb)
-------	------------

Value

unit pole

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTweberTOunPole(10)

NISTyardTOMeter	<i>Convert yard to meter</i>
-----------------	------------------------------

Description

NISTyardTOMeter converts from yard (yd) to meter (m)

Usage

NISTyardTOMeter(yard)

Arguments

yard yard (yd)

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTyardTOMeter(10)

NISTyearSiderealTOsec *Convert year to second*

Description

NISTyearSiderealTOsec converts from year (sidereal) to second (s)

Usage

NISTyearSiderealTOsec(yearSidereal)

Arguments

yearSidereal year (sidereal)

Value

second (s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTyearSiderealTOsec(10)

NISTyearTOsec	<i>Convert year to second</i>
---------------	-------------------------------

Description

NISTyearTOsec converts from year (365 days) to second (s)

Usage

NISTyearTOsec(year)

Arguments

year	year (365 days)
------	-----------------

Value

second (s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTyearTOsec(10)

NISTyearTropicalTOsec *Convert year to second*

Description

NISTyearTropicalTOsec converts from year (tropical) to second (s)

Usage

NISTyearTropicalTOsec(yearTropical)

Arguments

yearTropical year (tropical)

Value

second (s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

NISTyearTropicalTOsec(10)

ShortenLongNames	<i>Shorten long names for physical constants</i>
------------------	--

Description

ShortenLongNames shortens long names for physical constants because of the possible error with paths over 100 characters long

Usage

ShortenLongNames(s)

Arguments

s string with the physical constants names'

Value

short string

Author(s)

Jose Gama

Examples

ShortenLongNames('degree Fahrenheit hour square foot per British thermal unitth inch')

ShortenTitles	<i>Shorten titles for factor help files</i>
---------------	---

Description

ShortenTitles shortens the titles for factor help files by removing info on parenthesis

Usage

ShortenTitles(s)

Arguments

s string with the factor name

Value

short string

Author(s)

Jose Gama

Examples

```
ShortenTitles('degree Fahrenheit (something long here)')
```

tableNIST2010

Fundamental Physical Constants

Description

tableNIST2010 is a table with the names, values, uncertainty and units for Fundamental Physical Constants.

Usage

```
tableNIST2010
```

Format

This data frame contains the following columns:

Quantity Fundamental Physical Constant name

Value Fundamental Physical Constant value

Uncertainty Uncertainty of Fundamental Physical Constant value

Unit Fundamental Physical Constant units

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
data(tableNIST2010)
str(tableNIST2010)
```

tableNISTfactors	<i>Factors for Unit Conversion</i>
------------------	------------------------------------

Description

tableNISTfactors is a table with the factors for converting between physical units.

Usage

```
tableNISTfactors
```

Format

This data frame contains the following columns:

convert.from source unit

convert.to destination unit

multiply.by factor

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
data(tableNISTfactors)
str(tableNISTfactors)
```

tableNISTnonSI	<i>Fundamental Physical Constants non-SI</i>
----------------	--

Description

tableNISTnonSI is a table with the names, values, uncertainty and units for Fundamental Physical Constants non-SI.

Usage

```
tableNISTnonSI
```

Format

This data frame contains the following columns:

Quantity Fundamental Physical Constant name

Formula.latex units in LaTeX formula format

Value Fundamental Physical Constant value

Standard.uncertainty Standard uncertainty of Fundamental Physical Constant value

Relative.standard.uncertainty Relative standard uncertainty of Fundamental Physical Constant value

Concise.form Fundamental Physical Constant in concise form

Unit Fundamental Physical Constant units

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically <http://physics.nist.gov/Pubs/SP811/appenB8.html>

Examples

```
data(tableNISTnonSI)
str(tableNISTnonSI)
```

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