

Entisoft Units

**Measurement Conversion Calculator
Version 1.0 Released 7/28/95
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About Entisoft Units

Entisoft Units
Measurement Conversion Calculator
Version 1.0 Released 7/5/95
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MCE List

" = " inch "						
\$ (US dollar) = \$ (currency; base unit)						
% (percent) = 0.01						
' = " foot "						
*approx = ""						
*avg = ""						
*exact = ""						
/ = replacement for " per "						
^2 = replacement for "squared"						
^3 = replacement for "cubed"						
A (ampere) = A (electric current; base unit)						
a (atto) = 1E-18 (prefix)						
a = are (area)						
abA = abampere (electric current)						
abamp = abampere (electric current)						
abampere = 10 A (electric current)						
abC = abcoulomb (electric charge)						
abcoulomb = 10 C (electric charge)						
abF = abfarad (capacitance)						
abfarad = 1000000000 F (capacitance)						
abH = abhenry (inductance)						
abhenry = 0.000000001 H (inductance)						
abohm = 0.000000001 ohm (electric resistance)						
absolute temperature = thermodynamic temperature (thermodynamic temperature)						
absolute viscosity = dynamic viscosity (dynamic viscosity)						
absorbed dose = specific energy (specific energy)						
abV = abvolt (electric potential)						
abvolt = 0.00000001 V (electric potential)						
acceleration = m/s^2 (acceleration; category unit)						
acceleration angular = angular acceleration (angular acceleration)						
acceleration linear = acceleration (acceleration)						
acoustical energy = energy (energy)						
acoustical intensity = heat flux density (heat flux density)						
acoustical power = power (power)						
acre = 4840 yard^2 (area)						
activity = frequency (frequency)						
actus (Roman actus) = 116.4 foot (length)						
Ad = angstrom (length)						
admiralty knot = 6080 ft/hour (velocity)						
admittance = conductance (conductance)						
adsorption = mol/m^2 (adsorption; category unit)						
agate (typography agate) = 7.14285714285714E-02 in (length)						
amount of magnetization = magnetic flux (magnetic flux)						
amount of substance = mol (amount of substance; category unit)						

MCE List

amp = A (electric current)					
ampere = A (electric current)					
ampere turn = A*turn (magnetic force; derived unit)					
amphora (Greek amphora) = 10.3 gallon (volume)					
AMU (atomic mass unit) = 1.66044E-27 kg*approx (mass)					
angstrom = 0.0000000001 m (length)					
angular acceleration = rad/s^2 (angular acceleration; category unit)					
angular impulse = angular momentum (angular momentum)					
angular momentum = N*m*s (angular momentum; category unit)					
angular power = W*rad (angular power; category unit)					
angular speed = angular velocity (angular velocity)					
angular velocity = rad/s (angular velocity; category unit)					
annual = yr (time)					
ap = replacement for "apoth"					
ap = replacement for "apothecary"					
ap dr = dram ap (mass)					
ap dram = dram ap (mass)					
ap gr = grain ap (mass)					
ap grain = grain ap (mass)					
ap lb = pound ap (mass)					
ap oz = oz ap (mass)					
ap pound = pound ap (mass)					
ap scruple = scruple (mass)					
apostilb = cd/pi*m^2 (luminance; derived unit)					
apoth = "ap"					
apothecary = "ap"					
approx = ""					
arc deg = degree (plane angle)					
arc degree = degree (plane angle)					
arc min = arc minute (plane angle)					
arc minute (minute of arc) = 1.66666666666667E-02 arc degree (plane angle)					
arc s (second of arc) = 1.66666666666667E-02 arc minute (plane angle)					
arc sec = arc s (plane angle)					
arc second = arc s (plane angle)					
archin (Russian archin) = 28 in (length)					
are = 100 m^2 (area)					
area = m^2 (area; category unit)					
area to volume = wave number (wave number)					
arpentcan = 27.52 mile (length)					
arpentlin = 191.835 ft (length)					
arroba (Mexican arroba) = 26.367 pound (mass)					
arroba oil = oil arroba (volume)					
arroba wine = wine arroba (volume)					
as (Roman as) = 12 uncia (mass)					

MCE List

assay ton = 29.167 gram (mass)					
astronomical unit = 149597871000 m*approx (length)					
At = ampere turn (magnetic force)					
AT = assay ton (mass)					
at wt = atomic weight (force)					
atm = atmosphere (pressure)					
atmosphere = 101325 Pa (pressure)					
atomic mass = AMU (mass)					
atomic mass unit = AMU (mass)					
atomic weight = AMU*g (force; derived unit)					
atto = 1E-18 (prefix)					
au = astronomical unit (length)					
autumn = 89.6666666666667 day*approx (time)					
avdp = ""					
avg = ""					
avogadro (Avogadro's number) = 6.022169E+23 1/mol*approx (unknown units)					
avoirdupois = ""					
b = byte (data)					
Babylonian shekel = 8.37 gram (mass)					
bag = 94 pound (mass)					
bakers dozen = 13					
balthazar = 8 magnum (volume)					
bar = 100000 Pa (pressure)					
barie = 0.1 Pa (pressure)					
barleycorn = 0.3333333333333333 in (length)					
barn (abbreviation b) = 1E-28 m^2 (area)					
barrel = 31.5 gallon (volume)					
barye = 0.1 Pa (pressure)					
basis point = 0.01 percent					
bath (Israeli bath) = 2.25 in^3 (volume)					
baud = 0.1 byte/s (data flow rate)					
bbl = oil barrel (volume)					
bearing capacity mass basis = surface density (surface density)					
becquerel = 1/s (activity; derived unit)					
beer gallon (English beer gallon) = 282 in^3 (volume)					
bending moment = energy (energy)					
bending moment to length = force (force)					
bes (Roman bes) = 0.48 pound (mass)					
bev (billion electric volts) = 1000000000 electron volt (energy)					
bi = 2 (prefix)					
Biblical cubit = 18 in (length)					
billion = 1000000000 (prefix)					
biot = 10 A (electric current)					
bit = bit (data; base unit)					

MCE List

blondel = $\text{cd}/\pi \cdot \text{m}^2$ (luminance; derived unit)				
board foot = 144 in^3 (volume)				
bolt (of cloth) = 40 yard (length)				
boltzmann (Boltzmann constant) = $1.380622\text{E}-23 \text{ J/K}$ (heat capacity)				
bottom measure = 0.025 in (length)				
bowling ball = 16 pound (mass)				
bps (bits per second) = 0.1 byte/s (data flow rate)				
Bq = becquerel (activity)				
British = "UK"				
BTU (International Table Btu) = $1055.05585262 \text{ J} \cdot \text{approx}$ (energy)				
bu = bushel (volume)				
buck = \$ (currency)				
bundle (of paper) = 2 ream				
bushel (dry bushel) = 4 peck (volume)				
byte = 8 bit (data)				
c (centi) = 0.01 (prefix)				
C = coulomb (electric charge)				
c = speed of light (velocity)				
cable = cable length (length)				
cable length = 720 ft (length)				
cal = calorie (energy)				
calendar yr (calendar year) = 365 day (time)				
caliber (gun barrel caliber) = 0.01 in (length)				
caloric value mole basis = molar energy (molar energy)				
calorie (International Table calorie) = 4.1868 J (energy)				
calorific value mass basis = specific energy (specific energy)				
calorific value volume basis = pressure (pressure)				
Canadian gallon = 0.00454609 m^3 (volume)				
candela = cd (luminous intensity)				
candle power (spherical) = 12.556 lumen (luminous flux)				
capacitance = F (capacitance; category unit)				
capacity = volume (volume)				
capture unit = wave number (wave number)				
carat = carat troy (mass)				
carat t = carat troy (mass)				
carat troy (troy carat) = 0.0002 kg (mass)				
case (of paper) = 4 bundle				
catty (Chinese catty) = 1.3333333333333333 pound (mass)				
cc (cubic centimeters) = cm^3 (volume; derived unit)				
cd (candela) = cd (luminous intensity; base unit)				
celsius = dC (thermodynamic temperature)				
cen = century (time)				
cental (British cental) = 100 pound (mass)				
centennial = century (time)				

MCE List

centesimal minute = 0.01 grade (plane angle)			
centesimal second = 0.0001 grade (plane angle)			
centi = 0.01 (prefix)			
centigrade = dC (thermodynamic temperature)			
centimilli = 0.00001 (prefix)			
century = 100 yr (time)			
Cesium frequency = Sc frequency (frequency)			
cfs (cubic feet per second) = ft ³ /s (volume flow rate; derived unit)			
ch = chain (length)			
chain (surveyors chain) = 4 rod (length)			
char = byte (data)			
character = byte (data)			
charge = electric charge (electric charge)			
charge density = electric charge density (electric charge density)			
chemical potential = molar energy (molar energy)			
chetvert (Russian chetvert) = 5.96 bushel (volume)			
chin = catty (mass)			
cho (Japanese cho) = 2.45 acre (area)			
Ci = curie (activity)			
circle = 2 pi*rad (plane angle)			
circular frequency = angular velocity (angular velocity)			
circular inch = 0.25 pi*in ² (area)			
circular mil = 0.00000025 pi*in ² (area)			
city block (informal) = 100 yard*approx (length)			
cloth finger = 4.5 in (length)			
cloth quarter = 9 in (length)			
cm (centimilli) = 0.00001 (prefix)			
compressibility = 1/Pascal (compressibility; category unit)			
concentration (of amount of substance) = mol/m ³ (concentration; category unit)			
concentration mass to mass = dimensionless unit			
concentration mass to volume = mass density (mass density)			
concentration mole to volume = concentration (concentration)			
concentration rate = mol/m ³ *s (concentration rate; category unit)			
concentration volume to mole = molar volume (molar volume)			
concentration volume to volume = dimensionless unit			
conductance = S (conductance; category unit)			
conductivity = S/m (conductivity; category unit)			
conversion change rate = mole flow rate (mole flow rate)			
cooling duty = dimensionless unit			
coomb = 4 bushel (volume)			
cord (of wood) = 128 ft ³ (volume)			
cord foot (of wood) = 16 ft ³ (volume)			
corrosion rate = velocity (velocity)			
cotton bale (US) = 500 pound (mass)			

MCE List

cotton bale Egypt = 750 pound (mass)				
coul = coulomb (electric charge)				
coulomb = A*s (electric charge; derived unit)				
cps (characters per second) = byte/s (data flow rate; derived unit)				
crith = 0.0906 gram (mass)				
ct = carat troy (mass)				
cu = cup (volume)				
cubed = " ³ "				
cubit = Biblical cubit (length)				
cup = 0.5 pint (volume)				
curie = 37000000000 Bq (activity)				
currency = \$ (currency; category unit)				
current = electric current (electric current)				
current density = A/m ² (current density; category unit)				
curvature of a curve = wave number (wave number)				
cwt = short hundredweight (mass)				
d (deci) = 0.1 (prefix)				
D (deka) = 10 (prefix)				
d = day (time)				
da (deka) = 10 (prefix)				
dalton = AMU (mass)				
damping viscosity = mass flow rate (mass flow rate)				
data = byte (data; category unit)				
data flow rate = byte/s (data flow rate; category unit)				
day = 24 hour (time)				
dC (Celsius degree) = K (thermodynamic temperature)				
deadweight ton = long ton (mass)				
dec = 10 (prefix)				
decade = 10 yr (time)				
deci = 0.1 (prefix)				
decillion = 1E+33 (prefix)				
decimilli = 0.0001 (prefix)				
deg = degree (plane angle)				
degree (Pi rad / 180) = 1.74532925199433E-02 rad (plane angle)				
deka = 10 (prefix)				
demi = 0.5 (prefix)				
denarius (Roman denarius) = 60 grain (mass)				
density = mass density (mass density)				
density of states = 1/J*m ³ (density of states; category unit)				
density of vibrational modes = s/m ³ (density of vibrational modes; category unit)				
depth = length (length)				
desyatina (Russian desyatina) = 2.7 acre (area)				
dF (Fahrenheit degree) = 0.555555555555556 K (thermodynamic temperature)				
dielectric permittivity = permittivity (permittivity)				

MCE List

dielectric polarization = electric flux density (electric flux density)			
dielectric strength = permittivity (permittivity)			
diffusivity = kinematic viscosity (kinematic viscosity)			
digitus (Roman digitus) = 0.73 in (length)			
dimensionless unit = 1 (category unit)			
dinar (Arabian dinar) = 4.2 gram (mass)			
dioptr (lens power) = 1/m (wave number; derived unit)			
displacement = electric flux density (electric flux density)			
displacement ton = 35 ft ³ (volume)			
diurnal = day (time)			
dK = K (thermodynamic temperature)			
dm (decimilli) = 0.0001 (prefix)			
dollar = \$ (currency)			
doppelzentner = 100 kg (mass)			
dose equiv = specific energy (specific energy)			
double = 2 (prefix)			
dozen = 12			
dR (Rankine degree) = 0.555555555555556 K (thermodynamic temperature)			
dr = dram (mass)			
dr ap = dram ap (mass)			
dr fl = dram fluid (volume)			
dr fluid = dram fluid (volume)			
dr t = dram troy (mass)			
drachma2 (Greek drachma) = 4.2923 gram (mass)			
draft = pressure (pressure)			
dram (avoirdupois dram) = 0.0625 oz (mass)			
dram ap (apothecary dram) = 3 scruple (mass)			
dram fl = dram fluid (volume)			
dram fluid (fluid dram) = 0.125 oz fluid (volume)			
dram troy (troy dram) = 60 grain (mass)			
dRe (Reaumur degree) = 1.25 K (thermodynamic temperature)			
drop = 0.03 cm ³ (volume)			
dry = 1.16364718614719 approx			
dry barrel = 7056 in ³ (volume)			
dry gallon = 268.8025 in ³ *approx (volume)			
dry pint = 0.5 dry quart (volume)			
dry quart = 0.25 dry gallon (volume)			
duodec = 12 (prefix)			
dw t = pennyweight troy (mass)			
dyn = dyne (force)			
dynamic viscosity = Pa*s (dynamic viscosity; category unit)			
dyne (cm*gm/s ²) = 0.00001 N (force)			
E (exa) = 1E+18 (prefix)			
e = elementary charge (electric charge)			

MCE List

earth mass = 5.983E+24 kg*approx (mass)				
earth to moon (mean distance earth to moon) = 238860 mile (length)				
EEC therm (European Economic Community therm) = 105506000 J (energy)				
eighth = 0.125 (prefix)				
elastance = 1/F (elastance; category unit)				
elasticity = surface tension (surface tension)				
electric capacitance = capacitance (capacitance)				
electric charge = C (electric charge; category unit)				
electric charge density = C/m ³ (electric charge density; category unit)				
electric current = A (electric current; category unit)				
electric current density = current density (current density)				
electric dipole moment = C*m (electric dipole moment; category unit)				
electric displacement = electric flux density (electric flux density)				
electric field (constant) = 8.8542E-12 F/m (permittivity)				
electric field strength = V/m (electric field strength; category unit)				
electric flux = electric charge (electric charge)				
electric flux density = C/m ² (electric flux density; category unit)				
electric inductance = inductance (inductance)				
electric induction flux = electric charge (electric charge)				
electric intensity = electric field strength (electric field strength)				
electric mobility = m ² /V*s (electric mobility; category unit)				
electric polarization = electric flux density (electric flux density)				
electric potential = V (electric potential; category unit)				
electric resistance = ohm (electric resistance; category unit)				
electrical power = power (power)				
electrochemical potential = molar energy (molar energy)				
electromagnetic moment = A*m ² (electromagnetic moment; category unit)				
electromotive force = electric potential (electric potential)				
electron mass (electron rest mass) = 9.109558E-31 kg (mass)				
electron volt = 1.6021917E-19 J*approx (energy)				
electronic charge = elementary charge (electric charge)				
elementary charge = 1.6021917E-19 C (electric charge)				
ell = 45 in (length)				
em (typography em) = point (length)				
emitted radiant flux = heat flux density (heat flux density)				
en (typography en) = 0.5 em (length)				
energy = J (energy; category unit)				
energy density = pressure (pressure)				
engineers chain = 100 ft (length)				
engineers link = ft (length)				
English carat = 0.000205 kg (mass)				
ennial = yr (time)				
enthalpy mass basis = specific energy (specific energy)				
enthalpy mole basis = molar energy (molar energy)				

MCE List

entropy = heat capacity (heat capacity)				
ephah (Israeli ephah) = 10 omer (volume)				
epsilon0 = electric field (permittivity)				
equiv = replacement for "equivalent"				
equiv footcandle (equivalent footcandle) = $lm/\pi \cdot ft^2$ (illuminance; derived unit)				
equiv lux (equivalent lux) = lx/π (illuminance; derived unit)				
equiv phot (equivalent phot) = $cd/\pi \cdot cm^2$ (luminance; derived unit)				
equivalent = "equiv"				
erg = 0.0000001 J (energy)				
eV = electron volt (energy)				
exa = 1E+18 (prefix)				
exact = ""				
f (femto) = 0.0000000000000001 (prefix)				
F = farad (capacitance)				
fahrenheit = dF (thermodynamic temperature)				
farad = s/ohm (capacitance; derived unit)				
faraday (Faraday constant) = 96486.7 C/mol (unknown units)				
fath = fathom (length)				
fathom = 6 ft (length)				
fbm = board foot (volume)				
fc = footcandle (illuminance)				
Fdy = faraday (unknown units)				
feet = "foot"				
femto = 0.0000000000000001 (prefix)				
fermi = 0.0000000000000001 m (length)				
fifth = 0.8 quart (volume)				
finger = 0.875 in (length)				
firkin = 9 gallon (volume)				
fiscal yr (fiscal year) = 360 day (time)				
fl = replacement for "liq"				
fl = replacement for "liquid"				
fl dr = dram fluid (volume)				
fl dram = dram fluid (volume)				
fl head = length (length)				
fl oz = oz fluid (volume)				
flam = footlambert (luminance)				
flow rate area mass basis (flow rate/area mass basis) = $kg \cdot s/m^2$ (flow rate area mass bas				
flow rate mass basis = mass flow rate (mass flow rate)				
flow rate mole basis = mole flow rate (mole flow rate)				
flow rate to area volume basis = velocity (velocity)				
flow rate to length mass basis = dynamic viscosity (dynamic viscosity)				
flow rate to length volume basis = kinematic viscosity (kinematic viscosity)				
flow rate volume basis = volume flow rate (volume flow rate)				
fluid dr = dram fluid (volume)				

MCE List

fluid dram = dram fluid (volume)					
fluid oz = oz fluid (volume)					
fluidity = m*s/kg (fluidity; category unit)					
flux linkage = magnetic flux (magnetic flux)					
flux of displacement = electric charge (electric charge)					
foot (" foot ") = replacement for ""					
foot = 12 in (length)					
foot = replacement for "feet"					
football field = 100 yard (length)					
footcandle = lm/ft ² (illuminance; derived unit)					
footlambert = cd/pi*ft ² (luminance; derived unit)					
force = N (force; category unit)					
fortnight = 2 week (time)					
fps (feet per second) = ft/s (velocity; derived unit)					
franklin current = statcoulomb (electric charge)					
freefall = g (acceleration)					
freight ton = 40 ft ³ (volume)					
frequency = 1/s (frequency; category unit)					
frigorie = 1000 calorie (energy)					
ft = foot (length)					
fuel consumption = length (length)					
fuel efficiency = 1/m ² (fuel efficiency; category unit)					
funt (Russian funt) = 0.9 pound (mass)					
fur = furlong (length)					
furlong (surveyors furlong) = 10 chain (length)					
fy = fiscal yr (time)					
G (giga) = 1000000000 (prefix)					
g (gravitational acceleration) = 9.80665 m/s ² (acceleration)					
G = gauss (magnetic flux density)					
gal = gallon (volume)					
galileo = 0.01 m/s ² (acceleration)					
gallon = 231 in ³ (volume)					
gamma = 0.000000001 T (magnetic flux density)					
gas = universal gas (molar heat capacity)					
gauss = 0.0001 T (magnetic flux density)					
gb = gigabyte (data)					
geodetic foot = survey foot (length)					
geographical mile = nautical mile (length)					
gf = gram force (force)					
giga = 1000000000 (prefix)					
gigabyte = 1024 megabyte (data)					
gilbert = 0.795775 ampere turn (magnetic force)					
gill = 0.5 cup (volume)					
gm = gram (mass)					

MCE List

googol = 1E+100						
googol = 1E+100 (prefix)						
gpm (gallons per minute) = gal/min (volume flow rate; derived unit)						
gr = grain (mass)						
gr ap = grain ap (mass)						
gr t = grain troy (mass)						
grad = grade (plane angle)						
grade = 0.015707963267949 rad (plane angle)						
gradus (Roman gradus) = 2.43 foot (length)						
grain (avoirdupois grain) = 1.42857142857143E-04 pound (mass)						
grain ap (apothecary grain) = grain (mass)						
grain troy (troy grain) = grain (mass)						
gram = 0.001 kg (mass)						
gram force = gram*g (force; derived unit)						
gravitation (constant) = 0.00000000006664 N*m^2/kg^2 (unknown units)						
gravitational acceleration = g (acceleration)						
gray = J/kg (absorbed dose; derived unit)						
great gross = 12 gross						
Greek cubit = 18.22 in (length)						
Greek fathom = 4 Greek cubit (length)						
Greek obolos = 715.38 milligram (mass)						
Greek palm = 0.3333333333333333 Greek span (length)						
Greek span = 0.5 Greek cubit (length)						
gross = 12 dozen						
gross cwt = long hundredweight (mass)						
gross hundredweight = long hundredweight (mass)						
gross ton = long ton (mass)						
gunters chain = chain (length)						
gunters link = link (length)						
Gy = gray (absorbed dose)						
h (hecto) = 100 (prefix)						
H = henry (inductance)						
h = hour (time)						
H2O density (water weight density) = 0.0885472440945 kg/m^2*s^2 (weight density)						
half = 0.5 (prefix)						
hand = 4 in (length)						
hd = hogshead (volume)						
heat = energy (energy)						
heat capacity = J/K (heat capacity; category unit)						
heat conductivity = thermal conductivity (thermal conductivity)						
heat flow rate = power (power)						
heat flux = heat flux density (heat flux density)						
heat flux density = W/m^2 (heat flux density; category unit)						
heat release rate = W/m^3 (heat release rate; category unit)						

MCE List

heat transfer coefficient = $W/m^2 \cdot K$ (heat transfer coefficient; category unit)					
hectare = 100 are (area)					
hecto = 100 (prefix)					
hectokilo = 100000 (prefix)					
hefner candle = 0.92 cd (luminous intensity)					
height = length (length)					
hekat (Israeli hekat) = 291 in ³ (volume)					
henry = Wb/A (inductance; derived unit)					
hertz = 1/s (frequency; derived unit)					
Hg weight density = 133322.368421 kg/m ² *s ² (weight density)					
hhd = hogshead (volume)					
hk (hectokilo) = 100000 (prefix)					
HK = hefner candle (luminous intensity)					
hogshead = 2 barrel (volume)					
homestead = 0.25 mile ² (area)					
horsepower = 550 ft*pound*g/sec (power)					
hour = 60 minute (time)					
hp = horsepower (power)					
hr = hour (time)					
hundred = 100 (prefix)					
hundredweight = short hundredweight (mass)					
hyl = gf*s ² /m (mass; derived unit)					
Hz = hertz (frequency)					
ies ("ies ") = "y "					
illuminance = lx (illuminance; category unit)					
illumination = illuminance (illuminance)					
imp ("imp ") = "UK "					
impact energy = energy (energy)					
impedance = electric resistance (electric resistance)					
imperial = "UK"					
impulse = momentum (momentum)					
in = inch (length)					
inch (" inch ") = replacement for ""					
inch = 0.0254 m (length)					
inch = replacement for "inches"					
inches = "inch"					
induced emf = electric potential (electric potential)					
inductance = H (inductance; category unit)					
intensity of force = surface tension (surface tension)					
interfacial tension = surface tension (surface tension)					
international = "intl"					
intl = replacement for "international"					
intl foot = foot (length)					
intl mile = mile (length)					

MCE List

intl yard = yard (length)					
ionic conductivity = $S \cdot m^2/mol$ (ionic conductivity; category unit)					
ionic strength = concentration (concentration)					
ips (inches per second) = in/s (velocity; derived unit)					
irradiance = heat flux density (heat flux density)					
Israeli cubit = 21.8 inch (length)					
Israeli shekel mass = 14.1 gram (mass)					
J = joule (energy)					
jeroboam = 0.8 gallon (volume)					
jigger = 1.5 oz fluid (volume)					
joule = $N \cdot m$ (energy; derived unit)					
K (Kelvin degree) = K (thermodynamic temperature; base unit)					
k (kilo) = 1000 (prefix)					
k = boltzmann (heat capacity)					
karat = 4.166666666666667E-02					
kb = kilobyte (data)					
kelvin = K (thermodynamic temperature)					
ken (Japanese ken) = 6.95 foot (length)					
key = kg (mass)					
kg (kilogram) = kg (mass; base unit)					
kilderkin = 18 gallon (volume)					
kilo = 1000 (prefix)					
kilobyte = 1024 byte (data)					
kin (Japanese kin) = 1.323 pound (mass)					
kinematic viscosity = m^2/s (kinematic viscosity; category unit)					
kip (kilopound force) = 1000 pound*g (force)					
knot (nautical miles per hour) = nmi/hour (velocity; derived unit)					
koku (Japanese koku) = 47.6 gallon (volume)					
kph (kilometers per hour) = km/hour (velocity; derived unit)					
kwan (Japanese kwan) = 8.27 pound (mass)					
L = avogadro (unknown units)					
l = liter (volume)					
lam = lambert (luminance)					
lambert = $cd/\pi \cdot cm^2$ (luminance; derived unit)					
land league = league (length)					
land mile = mile (length)					
langley = $calorie/cm^2$ (surface tension; derived unit)					
last = 80 bushel (volume)					
lb = pound (mass)					
lb ap = pound ap (mass)					
lb force = pound force (force)					
lb t = pound troy (mass)					
lb troy = pound troy (mass)					
lbf = pound force (force)					

MCE List

league = 3 mile (length)					
leap yr (leap year) = 366 day (time)					
length = m (length; category unit)					
length to length = dimensionless unit					
length to volume = fuel efficiency (fuel efficiency)					
lens power = wave number (wave number)					
li (Chinese li) = 705 yard (length)					
liang = tael (mass)					
libra (Roman libra) = as (mass)					
librae = libra (mass)					
light exposure = lx*s (light exposure; category unit)					
light yr (light year) = speed of light*yr (length; derived unit)					
line = 8.33333333333333E-02 in (length)					
linear acceleration = acceleration (acceleration)					
linear current density = magnetic field strength (magnetic field strength)					
linear displacement = area (area)					
linear electric current density = magnetic field strength (magnetic field strength)					
linear impulse = momentum (momentum)					
linear momentum = momentum (momentum)					
linear power = power (power)					
linear speed = velocity (velocity)					
linear velocity = velocity (velocity)					
link (surveyors link) = 7.92 in (length)					
liq = "fl"					
liquid = "fl"					
liter = 0.001 m ³ (volume)					
livre (French livre) = 490 gram (mass)					
lm = lumen (luminous flux)					
load = 1.9 yd ³ (volume)					
long hundredweight (avoirdupois long hundredweight) = 112 pound (mass)					
long quarter = 28 pound (mass)					
long ton (avoirdupois long ton) = 2240 pound (mass)					
loschmidt (Loschmidt's constant) = 2.68719E+25 1/m ³ (number concentration)					
lumen = cd*sr (luminous flux; derived unit)					
luminance = cd/m ² (luminance; category unit)					
luminous efficacy = lm/W (luminous efficacy; category unit)					
luminous energy = lm*s (luminous energy; category unit)					
luminous exitance = illuminance (illuminance)					
luminous flux = lm (luminous flux; category unit)					
luminous intensity = cd (luminous intensity; category unit)					
lunation = synodic month (time)					
lusec = 0.000001 torr*m ³ /s (power)					
lux = lm/m ² (illuminance; derived unit)					
lx = lux (illuminance)					

MCE List

lyr = light yr (length)					
M (mega) = 1000000 (prefix)					
m (meter) = m (length; base unit)					
m (milli) = 0.001 (prefix)					
ma (myria) = 10000 (prefix)					
Ma = mach (velocity)					
mach (Mach at sea level & 32 dF) = 331.46 m/s (velocity)					
magnetic dipole moment = J*m/A (magnetic dipole moment; category unit)					
magnetic field (constant) = 0.0000004 pi*H/m (permeability)					
magnetic field strength = A/m (magnetic field strength; category unit)					
magnetic flux = Wb (magnetic flux; category unit)					
magnetic flux density = T (magnetic flux density; category unit)					
magnetic force = ampere turn (magnetic force; category unit)					
magnetic induction flux = magnetic flux density (magnetic flux density)					
magnetic intensity = magnetic field strength (magnetic field strength)					
magnetic mass = magnetic flux (magnetic flux)					
magnetic moment = electromagnetic moment (electromagnetic moment)					
magnetic permeability = permeability (permeability)					
magnetic polarization = magnetic flux density (magnetic flux density)					
magnetic potential = magnetic force (magnetic force)					
magnetic potential difference = electric current (electric current)					
magnetic vector potential = Wb/m (magnetic vector potential; category unit)					
magnetization = magnetic field strength (magnetic field strength)					
magnetomotive force = magnetic force (magnetic force)					
magnum = 2 quart (volume)					
marathon = 46145 yard (length)					
marine league = nautical league (length)					
mass = kg (mass; category unit)					
mass basis bearing capacity = surface density (surface density)					
mass basis calorific value = specific energy (specific energy)					
mass basis enthalpy = specific energy (specific energy)					
mass basis flow rate = mass flow rate (mass flow rate)					
mass basis flow rate to area = flow rate area mass basis (flow rate area mass basis)					
mass basis flow rate to length = dynamic viscosity (dynamic viscosity)					
mass basis specific fuel consumption = specific fuel consumption mass basis (specific fuel consumption mass basis)					
mass basis specific heat capacity = specific heat capacity (specific heat capacity)					
mass basis throughput = mass flow rate (mass flow rate)					
mass concentration = mass density (mass density)					
mass density = kg/m ³ (mass density; category unit)					
mass flow rate = kg/s (mass flow rate; category unit)					
mass to area structural loading = surface density (surface density)					
mass to length = kg/m (mass to length; category unit)					
mass to mass concentration = dimensionless unit					
mass to volume concentration = mass density (mass density)					

MCE List

mass transfer coefficient = velocity (velocity)				
maxwell = 0.00000001 Wb (magnetic flux)				
mb = megabyte (data)				
me = electron mass (mass)				
mean calendar yr = calendar yr (time)				
mean solar day = day (time)				
mean solar yr = yr (time)				
measurement ton = freight ton (volume)				
mechanical power = power (power)				
mega = 1000000 (prefix)				
megabyte = 1024 kilobyte (data)				
meter = m (length)				
methuselah = 4 magnum (volume)				
metre = m (length)				
metric ton = 1000 kg (mass)				
Mexican libra = 1.015 pound (mass)				
mg (milligram) = milligram (mass)				
mgd (megagallons per day) = 1000000 gallon/day (volume flow rate)				
mho = siemens (conductance)				
mi = mile (length)				
micro = 0.000001 (prefix)				
micron = 0.000001 m (length)				
mil = 0.001 in (length)				
mile = 5280 foot (length)				
millenium = 1000 yr (time)				
millennial = millenium (time)				
milli = 0.001 (prefix)				
million = 1000000 (prefix)				
min = minute (time)				
mina (Greek mina) = 0.9463 pound (mass)				
miners inch = 1.5 ft ³ /minute (volume flow rate)				
minim = 1.666666666666667E-02 dram fluid (volume)				
minute = 60 s (time)				
mite (English mite) = 0.05 grain (mass)				
mixing power = heat release rate (heat release rate)				
mmHg (millimeters of mercury) = mm*Hg weight density (pressure; derived unit)				
mn = neutron mass (mass)				
mo = month (time)				
mobility = electric mobility (electric mobility)				
modulus of admittance = conductance (conductance)				
modulus of impedance = electric resistance (electric resistance)				
mol (mole) = mol (amount of substance; base unit)				
molality (of a solute) = mol/kg (molality; category unit)				
molar = universal gas (molar heat capacity)				

MCE List

molar conductivity = $S/m^2 \cdot mol$ (molar conductivity; category unit)			
molar energy = J/mol (molar energy; category unit)			
molar entropy = molar heat capacity (molar heat capacity)			
molar heat capacity = $J/mol \cdot K$ (molar heat capacity; category unit)			
molar mass = kg/mol (molar mass; category unit)			
molar refraction = molar volume (molar volume)			
molar volume = m^3/mol (molar volume; category unit)			
mole = mol (amount of substance)			
mole basis caloric value = molar energy (molar energy)			
mole basis enthalpy = molar energy (molar energy)			
mole basis flow rate = mole flow rate (mole flow rate)			
mole basis specific heat capacity = molar heat capacity (molar heat capacity)			
mole basis specific volume = molar volume (molar volume)			
mole basis throughout = mole flow rate (mole flow rate)			
mole flow rate = mol/s (mole flow rate; category unit)			
mole to volume concentration = concentration (concentration)			
moment of force = energy (energy)			
moment of inertia = $kg \cdot m^2$ (moment of inertia; category unit)			
moment of inertia of area = m^4 (moment of inertia of area; category unit)			
moment of inertia of mass = moment of inertia (moment of inertia)			
moment of inertia of volume = m^5 (moment of inertia of volume; category unit)			
moment of section = moment of inertia of area (moment of inertia of area)			
momentum = $N \cdot s$ (momentum; category unit)			
mono = 1 (prefix)			
month = $8.333333333333333E-02$ yr*approx (time)			
monthly = month (time)			
mp = proton mass (mass)			
mpg (miles per gallon) = mile/gallon (fuel efficiency; derived unit)			
mph (miles per hour) = mile/hour (velocity; derived unit)			
mu (micro) = 0.000001 (prefix)			
mutual inductance = inductance (inductance)			
Mx = maxwell (magnetic flux)			
myria = 10000 (prefix)			
n (nano) = 0.000000001 (prefix)			
N = newton (force)			
Na = avogadro (unknown units)			
nail (cloth nail) = 0.0625 yard (length)			
nano = 0.000000001 (prefix)			
naut mi = nautical mile (length)			
nautical league = 3 nautical mile (length)			
nautical mile = 1852 m (length)			
naval shot = 15 fathom (length)			
nebuchadnezzar = 10 magnum (volume)			
net hundredweight = short hundredweight (mass)			

MCE List

net ton = short ton (mass)					
neutron mass (neutron rest mass) = 1.67492E-27 kg (mass)					
newton = kg*m/s ² (force; derived unit)					
nibble = 0.5 byte (data)					
nit = cd/m ² (luminance; derived unit)					
NL = loschmidt (number concentration)					
nmi = nautical mile (length)					
nmile = nautical mile (length)					
noggin = 0.125 quart (volume)					
nonillion = 1E+30 (prefix)					
novennial = 9 yr (time)					
nox = 0.001 lux (illuminance)					
Nt = newton (force)					
number concentration = 1/m ³ (number concentration; category unit)					
obol (Greek obol) = 11.2 grain (mass)					
octant = 0.25 pi*rad (plane angle)					
octennial = 8 yr (time)					
octillion = 1E+27 (prefix)					
Oe = oersted (magnetic field strength)					
oersted = 79.5774715459477 A/m (magnetic field strength)					
ohm = V/A (electric resistance; derived unit)					
oil arroba (Spanish oil arroba) = 3.32 gallon (volume)					
oil barrel = 42 gallon (volume)					
olympiad = 4 yr*approx (time)					
omega = ohm (electric resistance)					
omer (Israeli omer) = 0.45 peck (volume)					
one = 1 (prefix)					
ounce = "oz"					
oz (avoirdupois ounce) = 0.0625 pound (mass)					
oz = replacement for "ounce"					
oz ap (apothecary ounce) = 8 dram ap (mass)					
oz fl = oz fluid (volume)					
oz fluid (fluid ounce) = 0.25 gill (volume)					
oz t = oz troy (mass)					
oz troy (troy ounce) = 480 grain (mass)					
P (peta) = 1E+15 (prefix)					
p (pico) = 0.000000000001 (prefix)					
P = poise (dynamic viscosity)					
Pa = pascal (pressure)					
pace = 30 in (length)					
palm = 3 in (length)					
parasang = 3.5 mile (length)					
parsec = au*rad/arc sec (length; derived unit)					
pascal = N/m ² (pressure; derived unit)					

MCE List

pc = parsec (length)						
pdl = poundal (force)						
peck (dry peck) = 2 dry gallon (volume)						
pennyweight = pennyweight troy (mass)						
pennyweight troy (troy pennyweight) = 24 grain (mass)						
per (" per ") = "/"						
percent = 0.01						
perch = rod (length)						
perennial = yr (time)						
perigon = circle (plane angle)						
permeability = H/m (permeability; category unit)						
permeability2 = area (area)						
permeance = inductance (inductance)						
permittivity = F/m (permittivity; category unit)						
peta = 1E+15 (prefix)						
pfund (German pfund) = 500 gram (mass)						
ph = phot (luminance)						
phot = cd/cm ² (luminance; derived unit)						
pi = 3.14159265358979						
pica (typography pica) = 0.166666666666667 in (length)						
pico = 0.000000000001 (prefix)						
picul (Chinese picul) = 100 catty (mass)						
pieze = 1000 Pa (pressure)						
pint (fluid pint) = 0.5 quart (volume)						
pipe = 2 hogshead (volume)						
pitch = frequency (frequency)						
pk = peck (volume)						
planck (Planck constant) = 6.626196E-34 J*s (angular momentum)						
plane angle = rad (plane angle; category unit)						
point (typography point) = 0.013837 in (length)						
poise = gram/cm*s (dynamic viscosity; derived unit)						
polar moment of inertia of area = moment of inertia of area (moment of inertia of area)						
polar moment of inertia of mass = moment of inertia (moment of inertia)						
polar moment of inertia of volume = moment of inertia of volume (moment of inertia of vol)						
pole = rod (length)						
pondus (Roman pondus) = as (mass)						
pony = 0.5 jigger (volume)						
pood (Russian pood) = 36.11 pound (mass)						
potential = electric potential (electric potential)						
potential difference = electric potential (electric potential)						
pound (avoirdupois pound) = 0.45359237 kg (mass)						
pound ap (apothecary pound) = 12 oz ap (mass)						
pound force = pound*g (force; derived unit)						
pound t = pound troy (mass)						

MCE List

pound troy (troy pound) = 12 oz troy (mass)				
poundal = ft*pound/s ² (force; derived unit)				
power = W (power; category unit)				
power to area = heat flux density (heat flux density)				
pregnancy = 9 month*approx (time)				
pressure = N/m ² (pressure; category unit)				
pressure drop to length = weight density (weight density)				
product of inertia of area = moment of inertia of area (moment of inertia of area)				
product of inertia of mass = moment of inertia (moment of inertia)				
product of inertia of volume = moment of inertia of volume (moment of inertia of volume)				
proof = 0.005				
proton mass (proton rest mass) = 1.672614E-27 kg (mass)				
psi (pounds per square inch) = pound*g/in ² (pressure; derived unit)				
pt = pint (volume)				
qt = quart (volume)				
quadr = 4 (prefix)				
quadrant = 0.5 pi*rad (plane angle)				
quadri = 4 (prefix)				
quadrillion = 1E+15 (prefix)				
quadruple = 4 (prefix)				
quantity of electricity = electric charge (electric charge)				
quantity of heat = energy (energy)				
quart (fluid quart) = 0.25 gallon (volume)				
quarter = 0.25 (prefix)				
quin = 5 (prefix)				
quindecennial = 15 yr (time)				
quinquennial = 5 yr (time)				
quintal = 100 kg (mass)				
quintillion = 1E+18 (prefix)				
quire (of paper) = 25				
r = rad (plane angle)				
R = roentgen (radiation exposure)				
rad (radian) = rad (plane angle; base unit)				
Rad = 0.01 Gy (absorbed dose)				
radian = rad (plane angle)				
radiance = W/m ² *sr (radiance; category unit)				
radiant energy = energy (energy)				
radiant energy density = pressure (pressure)				
radiant exitance = heat flux density (heat flux density)				
radiant flux = power (power)				
radiant flux received = heat flux density (heat flux density)				
radiant intensity = W/sr (radiant intensity; category unit)				
radiant power = power (power)				
radiation exposure = specific charge (specific charge)				

MCE List

radioactivity = frequency (frequency)				
rankine = dR (thermodynamic temperature)				
rd = rod (length)				
reactance = electric resistance (electric resistance)				
reaction rate = concentration rate (concentration rate)				
ream (of paper) = 20 quire				
reaumur = dRe (thermodynamic temperature)				
refrigeration = 12000 BTU/ton*hour (unknown units)				
register ton = 100 ft ³ (volume)				
rehoboam = 3 magnum (volume)				
reluctance = 1/H (reluctance; category unit)				
reluctivity = 1/H*m (reluctivity; category unit)				
rem = 0.01 Sv (dose equiv)				
resistance = electric resistance (electric resistance)				
resistivity = ohm*m (resistivity; category unit)				
rev = revolution (plane angle)				
revolution = 2 pi*rad (plane angle)				
reyn = lbf*s/in ² (dynamic viscosity; derived unit)				
rhe = 10 m ² /N*s (fluidity)				
ri (Japanese ri) = 2.44 mile (length)				
rod (surveyors rod) = 25 link (length)				
roentgen = 0.000258 A*s/kg (radiation exposure)				
Roman amphora = 6.84 gallon (volume)				
Roman cubit = 17.5 in (length)				
Roman foot = 0.971 foot (length)				
Roman mile = 5000 Roman foot (length)				
Roman obolus = 8.77 grain (mass)				
Roman talent = 125 libra (mass)				
rood = 40 rod ² (area)				
rope = 20 ft (length)				
rotational acceleration = angular acceleration (angular acceleration)				
rotational frequency = angular velocity (angular velocity)				
rpm (revolutions per minute) = revolution/minute (angular velocity; derived unit)				
rutherford = 1000000 Bq (activity)				
rydberg = 1.36054 electron volt (energy)				
s (second) = s (time; base unit)				
S = siemens (conductance)				
s ap = scruple (mass)				
sA = statampere (electric current)				
sabin = ft ² (area; derived unit)				
sack = 3 bushel (volume)				
salmanazar = 6 magnum (volume)				
sazhen (Russian sazhen) = 6.9 foot (length)				
sb = stilb (luminance)				

MCE List

sC = statcoulomb (electric charge)				
Sc frequency (cesium atom frequency) = 9192631770 1/s (frequency)				
score = 20				
scotch = 86 proof				
scruple (apothecary scruple) = 20 grain (mass)				
scruple ap = scruple (mass)				
scrupulum (Roman scrupulum) = 17.53 grain (mass)				
seam = 8 bushel (volume)				
sec = s (time)				
second = s (time)				
section (of land) = mile ² (area; derived unit)				
section modulus = volume (volume)				
self inductance = inductance (inductance)				
semi = 0.5 (prefix)				
septennial = 7 yr (time)				
septillion = 1E+24 (prefix)				
sesqu = 1.5 (prefix)				
sesqui = 1.5 (prefix)				
sex = 6 (prefix)				
sextant = 0.3333333333333333 pi*rad (plane angle)				
sextillion = 1E+21 (prefix)				
sF = statfarad (capacitance)				
sH = stathenry (inductance)				
shaku (Japanese shaku) = 11.93 in (length)				
shipping ton = freight ton (volume)				
short hundredweight (avoirdupois short hundredweight) = 100 pound (mass)				
short quarter = 25 pound (mass)				
short ton (avoirdupois short ton) = 2000 pound (mass)				
shot = oz fluid (volume)				
sidereal day = 86164.091 s (time)				
sidereal month = 27.3217 day (time)				
sidereal yr (sidereal year) = 365.2564 day (time)				
siemens = A/V (conductance; derived unit)				
sievert = m ² /s ² (dose equiv; derived unit)				
sigma = us (time)				
sign = 0.1666666666666667 pi*rad (plane angle)				
skein = 120 yd (length)				
skot = 0.001 apostilb (luminance)				
slug = lbf*s ² /ft (mass; derived unit)				
soccer field = 100 yard (length)				
SOL = speed of light (velocity)				
solid angle = sr (solid angle; category unit)				
solubility = concentration (concentration)				
sound intensity = heat flux density (heat flux density)				

MCE List

sound pressure = pressure (pressure)				
span (cloth span) = 9 in (length)				
Spanish libra = 1.014 pound (mass)				
Spanish quintal = 101.4 pound (mass)				
spat = $4 \pi \text{sr}$ (solid angle)				
specific charge = C/kg (specific charge; category unit)				
specific conductance = conductivity (conductivity)				
specific energy = m^2/s^2 (specific energy; category unit)				
specific entropy = specific heat capacity (specific heat capacity)				
specific fuel consumption mass basis = kg/J (specific fuel consumption mass basis; category unit)				
specific fuel consumption volume basis = compressibility (compressibility)				
specific heat capacity = J/kg*K (specific heat capacity; category unit)				
specific heat capacity mass basis = specific heat capacity (specific heat capacity)				
specific heat capacity mole basis = molar heat capacity (molar heat capacity)				
specific impact energy = surface tension (surface tension)				
specific surface area = m^2/kg (specific surface area; category unit)				
specific volume = m^3/kg (specific volume; category unit)				
specific volume mole basis = molar volume (molar volume)				
speed = velocity (velocity)				
speed of light (in vacuum) = 299792558 m/s*approx (velocity)				
sphere = $4 \pi \text{sr}$ (solid angle)				
spindle = 14400 yard (length)				
spring = 92.95833333333333 day*approx (time)				
square = 100 ft^2 (area)				
squared = " $\wedge 2$ "				
sr (steradian) = sr (solid angle; base unit)				
st = stere (volume)				
St = stoke (kinematic viscosity)				
stadia (Greek stadia) = 400 Greek cubit (length)				
stadium (Roman stadium) = 202 yard (length)				
standard atmosphere = atmosphere (pressure)				
standard barrel = dry barrel (volume)				
standard kilomole volume = 22.414 m^3/kmol (molar volume)				
statampere = 0.00000000333564 A (electric current)				
statcoulomb = 0.00000000333564 C (electric charge)				
statfarad = 1.11265E-12 F (capacitance)				
stathenry = 898755400000 H (inductance)				
static moment of area = volume (volume)				
static moment of mass = kg*m (static moment of mass; category unit)				
static moment of volume = moment of inertia of area (moment of inertia of area)				
statohm = 898755400000 ohm (electric resistance)				
statute league = league (length)				
statute mile = mile (length)				
statvolt = 299.7925 V (electric potential)				

MCE List

stefan-boltzmann (Stefan-Boltzmann constant) = 0.000000056697 W/m ² *K ⁴ (unknown)					
steradian = sr (solid angle)					
stere = m ³ (volume; derived unit)					
sthene = 1000 N (force)					
stilb = cd/cm ² (luminance; derived unit)					
stimulated absorption = s/kg (stimulated absorption; category unit)					
stimulated emission = stimulated absorption (stimulated absorption)					
stoke = 0.0001 m ² /s (kinematic viscosity)					
stone = 14 pound (mass)					
stress = pressure (pressure)					
stretchability = compressibility (compressibility)					
strike = 2 bushel (volume)					
summer = 93.5416666666667 day*approx (time)					
sun (Japanese sun) = 1.193 in (length)					
surface area = area (area)					
surface concentration = adsorption (adsorption)					
surface density = kg/m ² (surface density; category unit)					
surface density of charge = electric flux density (electric flux density)					
surface energy = energy (energy)					
surface pressure = surface tension (surface tension)					
surface tension = N/m (surface tension; category unit)					
survey foot = 0.304800609601219 m (length)					
surveyors chain = chain (length)					
surveyors furlong = furlong (length)					
surveyors link = link (length)					
surveyors rod = rod (length)					
susceptance = conductance (conductance)					
Sv = sievert (dose equiv)					
sV = statvolt (electric potential)					
synodic month = 29.5306 day (time)					
T (tera) = 1000000000000 (prefix)					
t = metric ton (mass)					
T = tesla (magnetic flux density)					
tablespoon = 0.5 oz fluid (volume)					
tael (Chinese tael) = 0.0625 catty (mass)					
talent (Greek talent) = 60 mina (mass)					
tan = picul (mass)					
tb = terabyte (data)					
tbsp = tablespoon (volume)					
tea cup = 6 oz fluid (volume)					
teaspoon = 0.3333333333333333 tablespoon (volume)					
temperature = thermodynamic temperature (thermodynamic temperature)					
temperature difference = thermodynamic temperature (thermodynamic temperature)					
ten = 10 (prefix)					

MCE List

tension = surface tension (surface tension)				
tera = 1000000000000 (prefix)				
terabyte = 1024 gigabyte (data)				
tesla = kg/A*s ² (magnetic flux density; derived unit)				
therm = 100000 BTU (energy)				
thermal conductance = W/K (thermal conductance; category unit)				
thermal conductivity = W/m*K (thermal conductivity; category unit)				
thermal diffusion = kinematic viscosity (kinematic viscosity)				
thermal flux = heat flux density (heat flux density)				
thermal resistance = K*m ² /W (thermal resistance; category unit)				
thermie = 1000000 calorie (energy)				
thermochemical calorie = 4.184 J (energy)				
thermodynamic temperature = K (thermodynamic temperature; category unit)				
thousand = 1000 (prefix)				
thrice = 3 (prefix)				
throughput mass basis = mass flow rate (mass flow rate)				
throughput mole basis = mole flow rate (mole flow rate)				
throughput volume basis = volume flow rate (volume flow rate)				
tick = 0.03125 \$ (currency)				
timber foot = ft ³ (volume; derived unit)				
time = s (time; category unit)				
tn = short ton (mass)				
TNT = 4600000 m ² /s ² (specific energy)				
ton = short ton (mass)				
ton force = metric ton*g (force; derived unit)				
tonne = metric ton (mass)				
torque = energy (energy)				
torr = mm*Hg weight density (pressure; derived unit)				
torsion of a curve = wave number (wave number)				
tou (Chinese tou) = 2.74 gallon (volume)				
township = 36 mile ² (area)				
transmissivity = kinematic viscosity (kinematic viscosity)				
tri = 3 (prefix)				
trillion = 1000000000000 (prefix)				
triple = 3 (prefix)				
troy carat = carat troy (mass)				
troy dr = dram troy (mass)				
troy dram = dram troy (mass)				
troy gr = grain troy (mass)				
troy grain = grain troy (mass)				
troy lb = pound troy (mass)				
troy oz = oz troy (mass)				
troy pennyweight = pennyweight troy (mass)				
troy pound = pound troy (mass)				

MCE List

tsp = teaspoon (volume)					
tun (English tun) = 8 barrel (volume)					
turn = 2 pi*rad (plane angle)					
twistability = compressibility (compressibility)					
u (micro) = 0.000001 (prefix)					
u = AMU (mass)					
U = micron (length)					
u0 = magnetic field (permeability)					
UK ("UK ") = replacement for "imp "					
UK (British) = 1.000002					
UK = replacement for "British"					
UK = replacement for "imperial"					
UK bushel (British bushel) = 4 UK peck (volume)					
UK caliber (British caliber) = 0.001					
UK fl oz = UK oz fluid (volume)					
UK fluid oz = UK oz fluid (volume)					
UK gallon (British gallon) = 277.41945 in ³ *approx (volume)					
UK mile (British mile) = 1609.34721869 m (length)					
UK oz = UK oz fluid (volume)					
UK oz fl = UK oz fluid (volume)					
UK oz fluid (British fluid ounce) = 0.05 UK pint (volume)					
UK peck (British peck) = 554.84 in ³ *approx (volume)					
UK pint (British pint) = 0.5 UK quart (volume)					
UK quart (British quart) = 0.25 UK gallon (volume)					
UK quintal (British quintal) = 100 pound (mass)					
UK quintal2 (British quintal) = 112 pound (mass)					
UK thermal unit = BTU (energy)					
uncia (Roman uncia) = 420 grain (mass)					
unciae = uncia (mass)					
undec = 11 (prefix)					
universal gas (constant) = 8.31434 J/mol*K (molar heat capacity)					
US dollar = \$ (currency)					
V = volt (electric potential)					
vacuum = pressure (pressure)					
vara (Mexican vara) = 32.99 in (length)					
vedro (Russian vedro) = 3.25 gallon (volume)					
velocity = m/s (velocity; category unit)					
velocity angular = angular velocity (angular velocity)					
velocity linear = velocity (velocity)					
verst (Russian verst) = 3500 foot (length)					
vic = 20 (prefix)					
viscosity absolute = dynamic viscosity (dynamic viscosity)					
viscosity dynamic = dynamic viscosity (dynamic viscosity)					
viscosity kinematic = kinematic viscosity (kinematic viscosity)					

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Vm = standard kilomole volume (molar volume)				
volt = W/A (electric potential; derived unit)				
voltage = electric potential (electric potential)				
voltage potential = electric potential (electric potential)				
volume = m ³ (volume; category unit)				
volume basis calorific value = pressure (pressure)				
volume basis flow rate = volume flow rate (volume flow rate)				
volume basis flow rate to area = velocity (velocity)				
volume basis flow rate to length = kinematic viscosity (kinematic viscosity)				
volume basis specific fuel consumption = compressibility (compressibility)				
volume basis throughput = volume flow rate (volume flow rate)				
volume conductivity = conductivity (conductivity)				
volume density of charge = electric charge density (electric charge density)				
volume flow rate = m ³ /s (volume flow rate; category unit)				
volume resistivity = resistivity (resistivity)				
volume to length = area (area)				
volume to mole concentration = molar volume (molar volume)				
volume to volume concentration = dimensionless unit				
volumetric heat capacity = J/m ³ *K (volumetric heat capacity; category unit)				
volumetric heat transfer coefficient = volumetric heat capacity (volumetric heat capacity)				
W = watt (power)				
watt = J/s (power; derived unit)				
wave number = 1/m (wave number; category unit)				
wavelength = length (length)				
Wb = weber (magnetic flux)				
weber = V*s (magnetic flux; derived unit)				
week = 7 day (time)				
weekend = 2 day (time)				
weekly = week (time)				
weight = force (force)				
weight density = N/m ³ (weight density; category unit)				
wey = 40 bushel (volume)				
wey mass = 252 pound (mass)				
Wh (watt hour) = W*hour (energy; derived unit)				
width = length (length)				
wine arroba (Spanish wine arroba) = 4.3 gallon (volume)				
wine bottle = 0.800633 quart (volume)				
winter = 89.0416666666667 day*approx (time)				
wk = week (time)				
work = energy (energy)				
y ("y ") = replacement for "ies "				
Y (myria) = 10000 (prefix)				
yard = 3 ft (length)				
yd = yard (length)				

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year = "yr"						
yield = specific volume (specific volume)						
yr (year) = 365.24219879 day*approx (time)						
yr = replacement for "year"						

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