The following units are allowed in Pint:

```
# Mass
gram = g
pound = lb

# Amount of substance
mole = mol

# Energy
joule = newton * meter = J
erg = dyne * centimeter
btu = 1.05505585262e3 * joule = Btu = BTU = british_thermal_unit
electron_volt = 1.60217653e-19 * J = eV
quadrillion_btu = 10**15 * btu = quad
thm = 100000 * BTU = therm = EC_therm
calorie = 4.184 * joule = cal = thermochemical_calorie
international_steam_table_calorie = 4.1868 * joule
ton_TNT = 4.184e9 * joule = tTNT
US_therm = 1.054804e8 * joule
watt_hour = watt * hour = Wh = watthour
hartree = 4.35974394e-18 * joule = E_h = hartree_energy
toe = 41.868e9 * joule = tonne_of_oil_equivalent
newton = kilogram * meter / second ** 2 = N
dyne = gram * centimeter / second ** 2 = dyn

# Force
newton = kilogram * meter / second ** 2 = N
dyne = gram * centimeter / second ** 2 = dyn
force_kilogram = g_0 * kilogram = kgf = kilogram_force = pond
force_gram = g_0 * gram = gf = gram_force
force_ounce = g_0 * ounce = ozf = ounce_force
force_pound = g_0 * lb = lbf = pound_force
force_ton = 2000 * force_pound = ton_force
poundal = lb * feet / second ** 2 = pdl
kip = 1000*lbf

# Power
watt = joule / second = W = volt_ampere = VA
horsepower = 33000 * ft * lbf / min = hp = UK_horsepower = British_horsepower
boiler_horsepower = 33475 * btu / hour
metric_horsepower =  75 * force_kilogram * meter / second
electric_horsepower = 746 * watt
hydraulic_horsepower = 550 * feet * lbf / second
refrigeration_ton = 12000 * btu / hour = ton_of_refrigeration

# Pressure
Hg = gravity * 13.59510 * gram / centimeter ** 3 = mercury =
conventional_mercury
mercury_60F = gravity * 13.5568 * gram / centimeter ** 3
H2O = gravity * 1000 * kilogram / meter ** 3 = h2o = water =
conventional_water
water_4C = gravity * 999.972 * kilogram / meter ** 3 = water_39F
water_60F = gravity * 999.001 * kilogram / m ** 3
pascal = newton / meter ** 2 = Pa
bar = 100000 * pascal
```

```
atmosphere = 101325 * pascal = atm = standard_atmosphere
technical_atmosphere = kilogram * gravity / centimeter ** 2 = at
torr = atm / 760
pound_force_per_square_inch = pound * gravity / inch ** 2 = psi
kip_per_square_inch = kip / inch ** 2 = ksi
barye = 0.1 * newton / meter ** 2 = barie = barad = barrie = baryd = Ba
mm_Hg = millimeter * Hg = mmHg = millimeter_Hg = millimeter_Hg_0C
cm_Hg = centimeter * Hg = cmHg = centimeter_Hg
in_Hg = inch * Hg = inHg = inch_Hg = inch_Hg_32F
inch_Hg_60F = inch * mercury_60F
inch_H2O_39F = inch * water_39F
inch_H2O_60F = inch * water_60F
footH2O = ft * water
cmH2O = centimeter * water
foot_H2O = ft * water = ftH2O
standard_liter_per_minute = 1.68875 * Pa * m ** 3 / s = slpm = slm

# Temperature
kelvin = K = degK
degC = celsius
degR = rankine
degF = fahrenheit

# Time
second = s = sec
minute = min
hour = hr
day
week
fortnight
year
month

# Length

meter = m = metre

inch = in = international_inch = inches = international_inches
foot = ft = international_foot = feet = international_feet
yard = yd = international_yard
mile = mi = international_mile

# Area
square_inch = sq_in = square_inches
square_foot = sq_ft = square_feet
square_yard = sq_yd
square_mile = sq_mi

# Volume
cubic_inch = cu_in
cubic_foot = cu_ft = cubic_feet
cubic_yard = cu_yd
liter = l = L = litre
cc = centimeter ** 3 = cubic_centimeter
```