AREA OF DIFFERENT GEOMETRIC SHAPES:

Triangle

Area = ½ × b × h
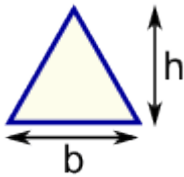
b = base
h = vertical height
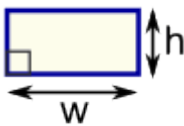
Rectangle

Area = w × h

w = width
h = height
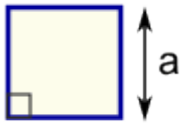
Square

Area = a^2

a = length of side
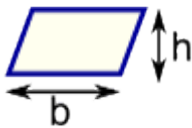
Parallelogram

Area = b × h

b = base
h = vertical height

Circle

Area = $A = \pi r^2$

Circumference = $2\,\pi\,r$

r = radius

TO FIND MASS:

Force = mass x acceleration = F = ma

So,   mass = Force/ acceleration = m = F/a

CONVERSION FORMULA:

The formula to convert Kelvin into Celsius is

$$C = K - 273.15$$

Kelvin to Celsius :

How many degrees Celsius is 500 K?

C = 500 - 273.15
500 K = 226.85° C

Conversion of normal body temperature from Kelvin to Celsius. Human body temperature is 310.15 K. Put the value into the equation to solve for degrees Celsius:

C = K - 273.15
C = 310.15 - 273.15
Human body temperature = 37° C

Reverse Conversion: Celsius to Kelvin:

K = C + 273.15.

For example, convert the boiling point of water to Kelvin. The boiling point of water is 100° C. Plug the value into the formula:

K = 100 + 273.15
K = 373.15

Celsius to Fahrenheit:

°F = (°C x 1.8) + 32

Fahrenheit to Celsius:

°C = (°F – 32) / 1.8

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