Rectangle

$A = l \times w$
A = Area
l = length
w = width (or base)

Square

$A = l^2$
A = Area
l = length

Circle

$A = \pi r^2$
A = Area
r = radius

Semi-Circle

$A = 0.5 \times (\pi \times r2)$
A = Area
r = radius

PythagorasTheorem

$c^2 = b^2 + a^2$
$c = \sqrt{c^2}$
c = hypotenuse
a = leg 1
$a^2 = c^2 - b^2$
$a = \sqrt{a^2}$
b = leg 2
$b^2 = c^2 - a^2$
$b = \sqrt{b^2}$

Triangle

$A = h \times b \div 2$
A = Area
h = height
b = base