

### 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

$$A = 0.5 \times (\pi \times r^2)$$

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

C

By Cheat  
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