

*Equations For Calculating
Circumference - Perimeter and Area
Of 2 Dimensional Shapes*

$$C = \pi \times d$$

d = diameter of the circle

$$C = 2\pi \times r$$

r = radius of the circle

$$A = \pi \times r^2$$

r = radius of the circle

Circumference Of A Circle

Area Of A Circle

$$P = a + b + c$$

a, b, c = length of the sides

Perimeter Of A Triangle

$$A = 1/2 \times b \times h$$

b = length of base h = height

Area Of A Triangle

$$P = 2l + 2w$$

l = length w = width

Perimeter Of A Rectangle

$$A = l \times w$$

l = length w = width

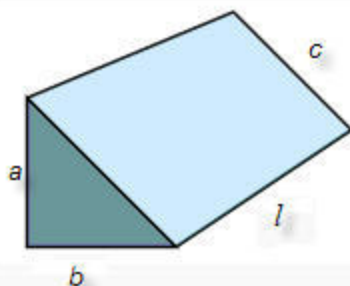
Area Of A Rectangle

**Equations For Calculating
Volume and Surface Area
Of 3 Dimensional Shapes**

$$SA = al + bl + cl + bh$$

h = height

Surface Area



$$V = 1/2 blh$$

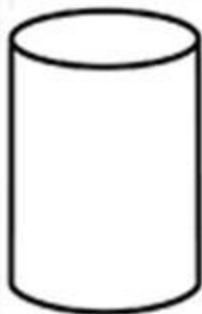
h = height

Volume

$$SA = 2\pi rh$$

r = radius h = height

Surface Area



$$V = \pi r^2 h$$

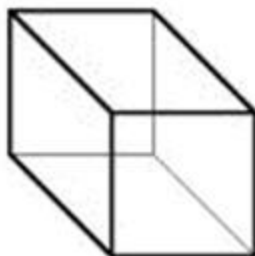
r = radius h = height

Volume

$$SA = 2wl + 2wh + 2lh$$

l = length w = width h = height

Surface Area



$$V = lwh$$

l = length w = width h = height

Volume