

# ICON

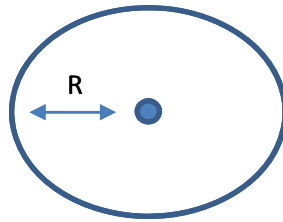
Injection Molding, Inc.

## Basic Area Calculations

The area of a circle is found by multiplying the pi times the square of the radius.

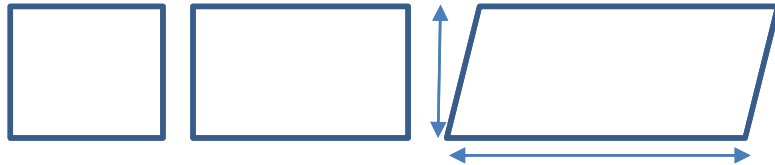
$$\text{Area} = \pi \times r^2$$

- $\pi = 3.14$
- $r = 1/2d$
- $r^2$  (radius squared) =  $r \times r$



The area of a square or rectangle is found by multiplying the length times the width.

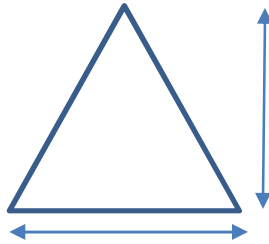
$$\text{Area} = L (\text{length}) \times W (\text{width})$$



The area of a triangle is found by multiplying the base times the height divided by 2.

$$\text{Area} = (b \times h) \div 2$$

- $b$  = length of base
- $h$  = length of height



The area of an oval is found by multiplying the height times the length - times 0.8.

$$\text{Area} = (W \times L) \times 0.8$$

- $H$  = height
- $L$  = length

