

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

$$\underline{\text{Circumference}} = D\pi = 2\pi r$$

$$\pi \approx 3.14$$

( use calculator value for more accurate answer )

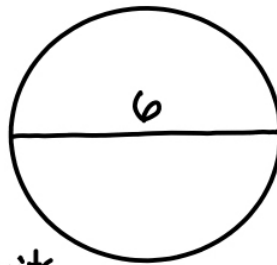
↑  
Diameter      ↑  
radius

Circumference Example

$$C = D\pi$$

$$C = 6\pi$$

$$C \approx 6(3.14) \approx 18.84 \text{ units}$$



\* Note - the circumference is the distance around the circle

Area Example

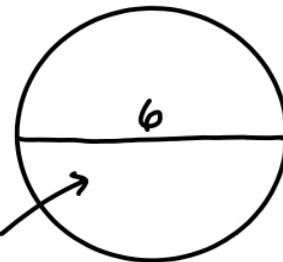
$$A = \pi r^2$$

$$A = \pi(3)^2$$

$$A = 9\pi$$

$$A \approx 9(3.14)$$

$$A \approx 28.26 \text{ units squared}$$



$$D = 6$$

$$\text{radius} = \frac{1}{2}D = \frac{1}{2}(6) = 3$$