$$\underline{Area} = \pi r^2 \qquad \underline{Circumference} = D\pi = 2\pi r$$

Diameter   radius

$$\pi \approx 3.14$$

(use calculator value for
more accurate answer)
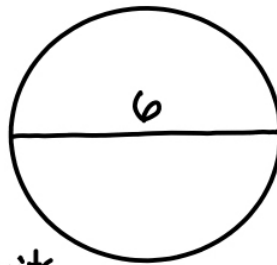
Circumference Example

$$C = D\pi$$
$$C = 6\pi$$

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

6

* <u>Note</u> - the
circumference
is the distance
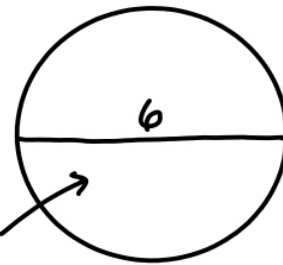around the
circle

Area Example

$$A = \pi r^2$$
$$A = \pi (3)^2$$
$$A = 9\pi$$
$$A \approx 9(3.14)$$
$$A \approx 28.26 \text{ units squared}$$

6

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