

circumference & area

DIAMETER (d)

A line segment that passes through the center of a circle or sphere and has endpoints on the circle or sphere.

RADIUS (r)

A line segment from the center of a circle or sphere to any point of the circle or sphere. It is half of the diameter.

CIRCUMFERENCE (C)

The distance around (perimeter) of a circle.

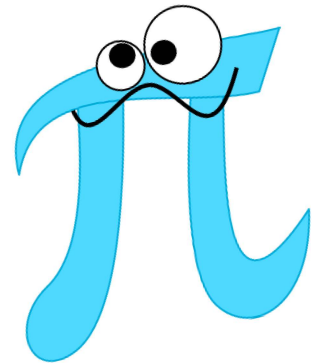
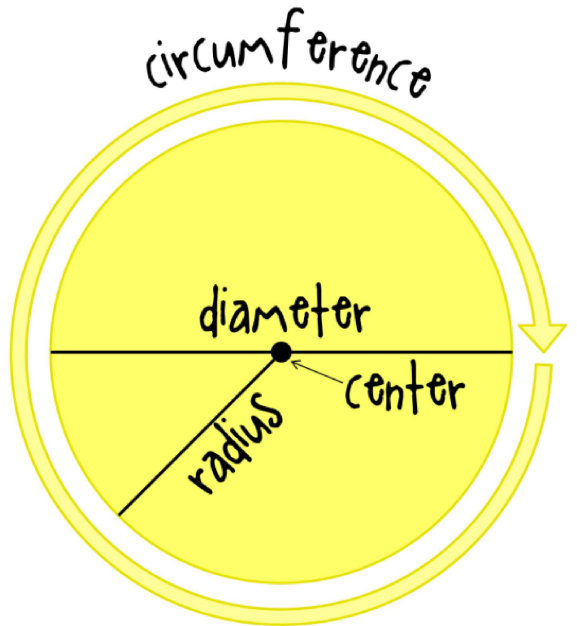
$$C = \pi d$$
$$C = 2\pi r$$

AREA of a CIRCLE (A)

$$A = \pi r^2$$

Pi

The ratio of the circumference of a circle to its diameter. It is the same for every circle and it is an irrational number approximately equal to 3.14. Pi is the 16th letter of the Greek alphabet.



$$\pi = \frac{C}{d}$$

