



Circumference

$$C = 2\pi \textit{radius}$$

$$C = \pi \textit{diameter}$$

$$C = 2\pi r$$

$$C = \pi d$$

Area

$$A = \pi(\textit{radius})^2$$

$$A = \pi r^2$$

$$\textit{radius} = \frac{1}{2} \textit{diameter}$$

$$\textit{diameter} = 2\textit{radius}$$

$$r = \frac{1}{2} d$$

$$d = 2r$$