

$$\pi = 180^\circ$$

Convert from degrees to radians

$$45^\circ \cdot \frac{\pi}{180^\circ} = \frac{45\pi}{180} = \frac{\pi}{4} \text{ radians}$$

$$120^\circ \cdot \frac{\pi}{180^\circ} = \frac{120\pi}{180} = \frac{2\pi}{3}$$

Convert from radians to degrees

$$\frac{\pi}{3} \cdot \frac{180^\circ}{\pi} = \frac{180^\circ}{3} = 60^\circ$$

$$\frac{4\pi}{5} \cdot \frac{180^\circ}{\pi} = \frac{4 \cdot 180^\circ}{5} = 144^\circ$$