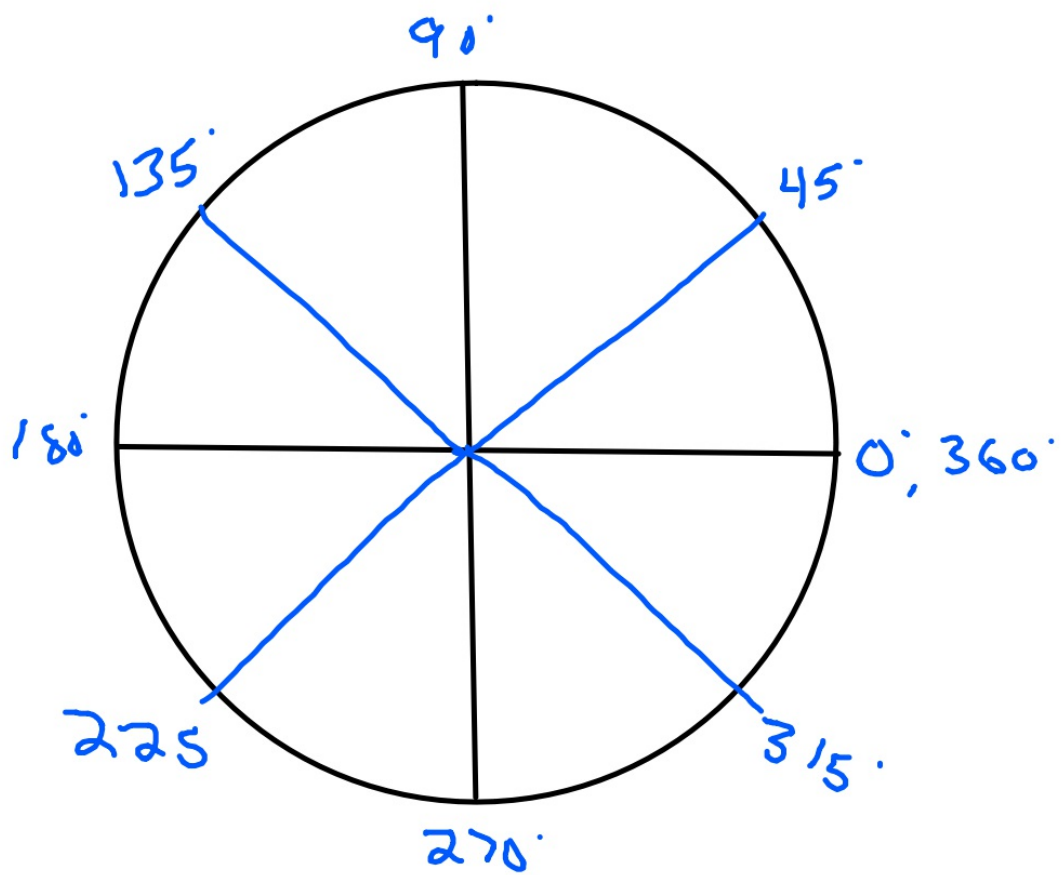
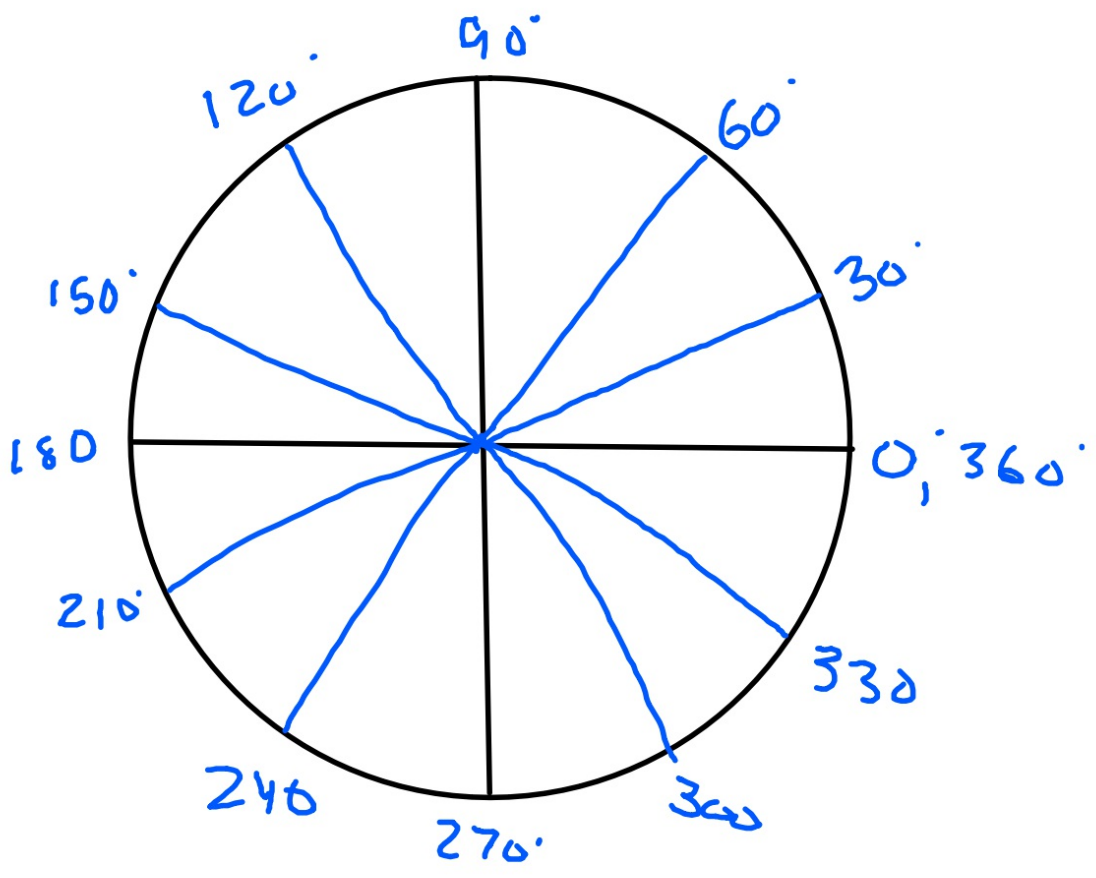
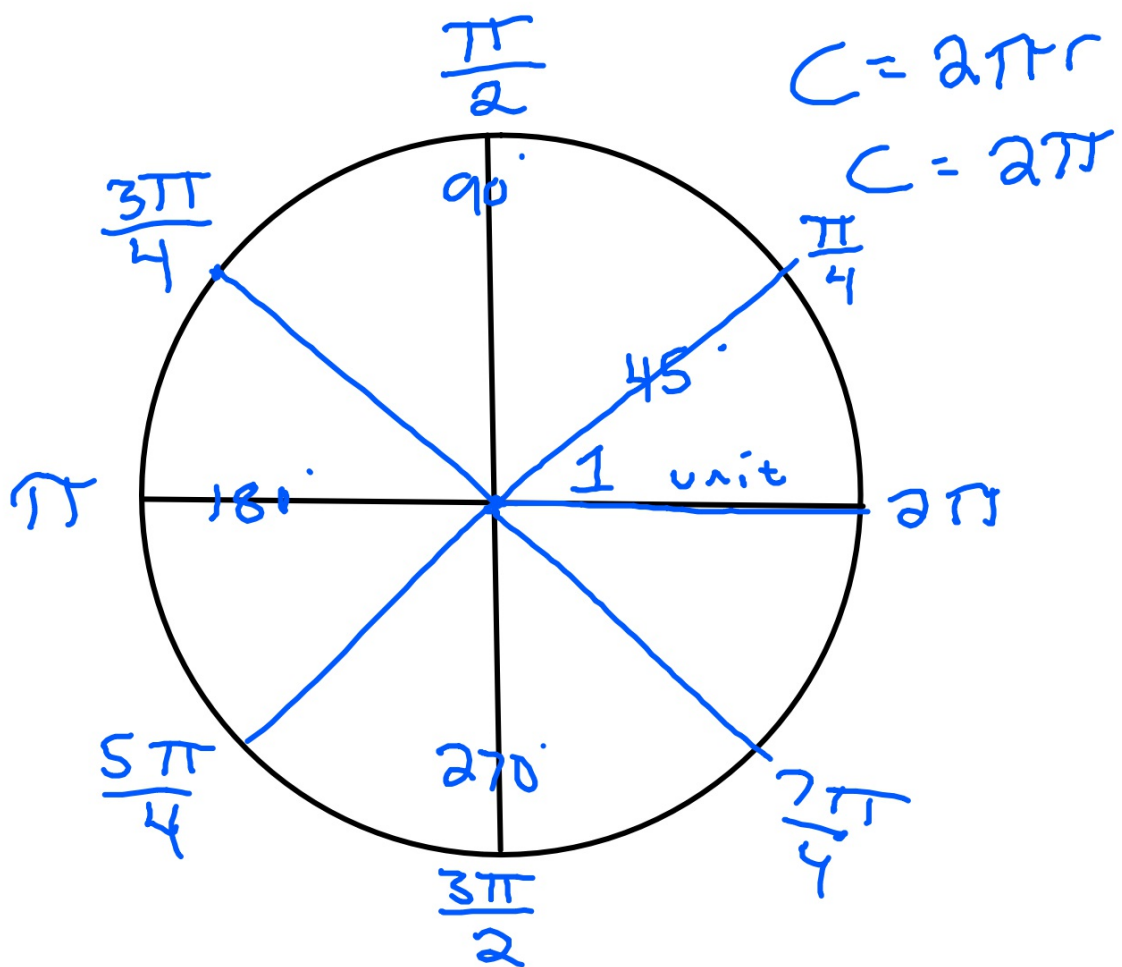
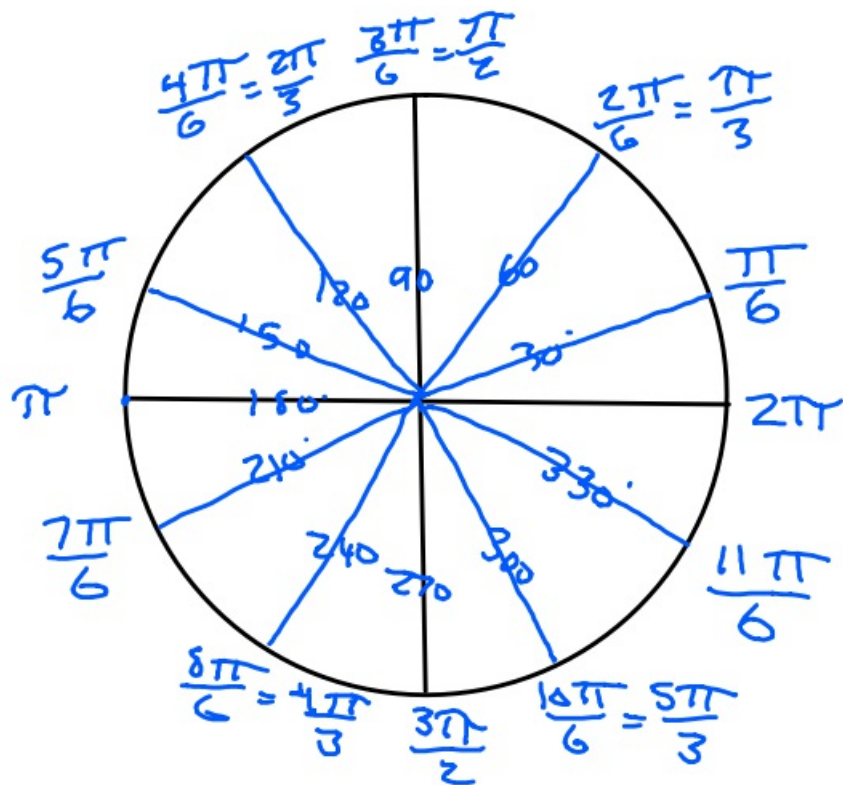


2-27-20 4th Trig









① Convert 40° to radians.

$$\frac{40^\circ}{1} \cdot \frac{\pi}{180^\circ} = \frac{40\pi}{180} = \frac{2\pi}{9}$$

② Convert 150° to radians.

$$\frac{150^\circ}{1} \cdot \frac{\pi}{180^\circ} = \frac{150\pi}{180} = \frac{5\pi}{6}$$

③ Convert $\frac{\pi}{10}$ to degrees.

$$\frac{\cancel{\pi}}{10} \cdot \frac{180^\circ}{\cancel{\pi}} = \frac{180^\circ}{10} = 18^\circ$$

④ Convert $\frac{\pi}{36}$ to degrees.

$$\frac{\cancel{\pi}}{36} \cdot \frac{180^\circ}{\cancel{\pi}} = \frac{180^\circ}{36} = 5^\circ$$

⑤ Convert 3 radians to degrees.

$$\frac{3}{1} \cdot \frac{180^\circ}{\pi} = \frac{540^\circ}{\pi} \approx 171.9^\circ$$