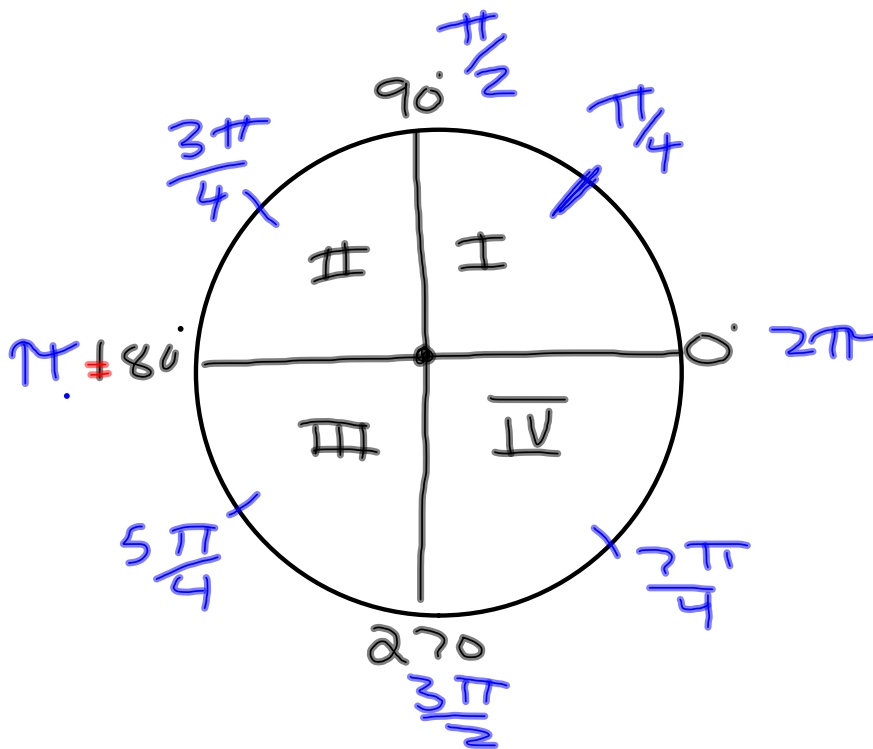
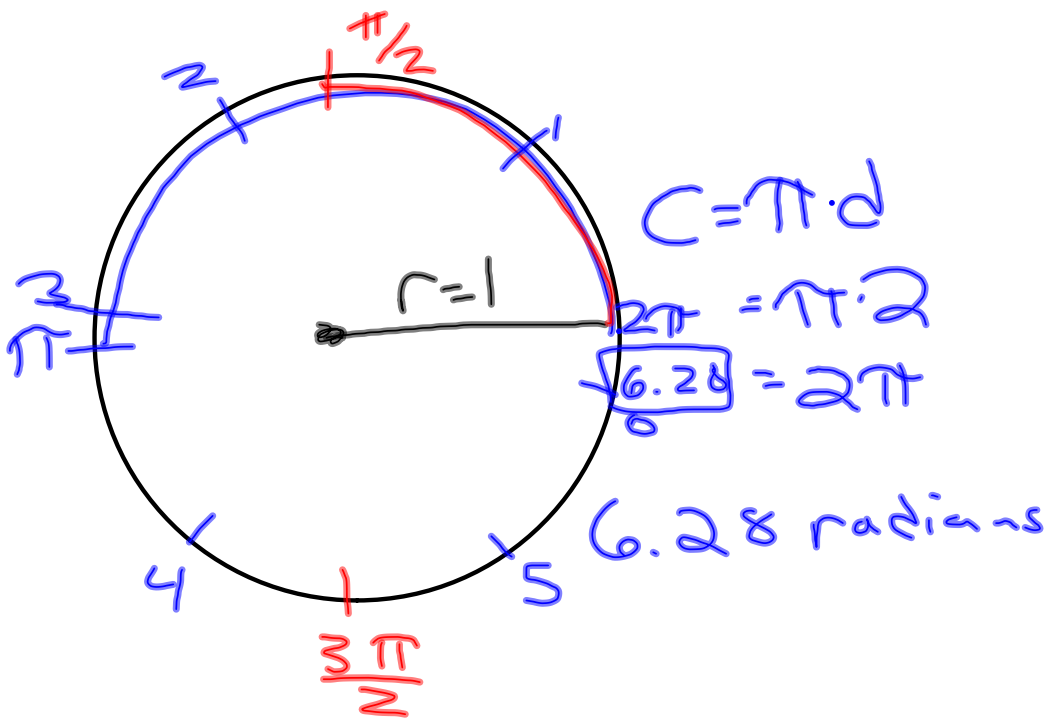
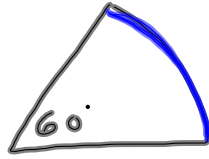


3-31-14
 3rd Trig



Change 60° to radians



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

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

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

① 30°

$$30^\circ \cdot \frac{\pi}{180}$$

$$\frac{\pi}{6}$$

② $\frac{\pi}{12}$

$$\frac{\pi}{12} \cdot \frac{180}{\pi} = 15^\circ$$

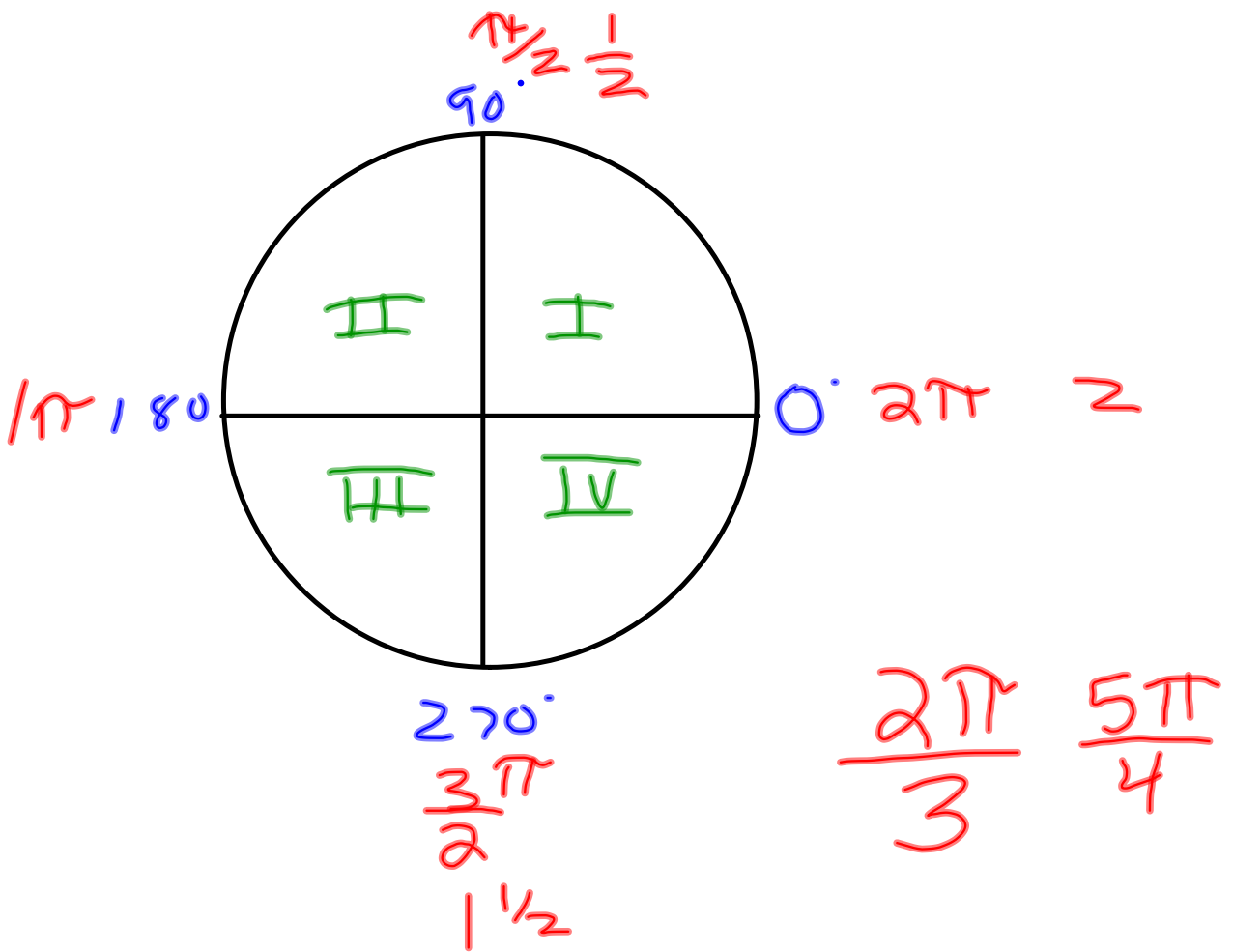
③ 250°

$$250^\circ \cdot \frac{\pi}{180}$$

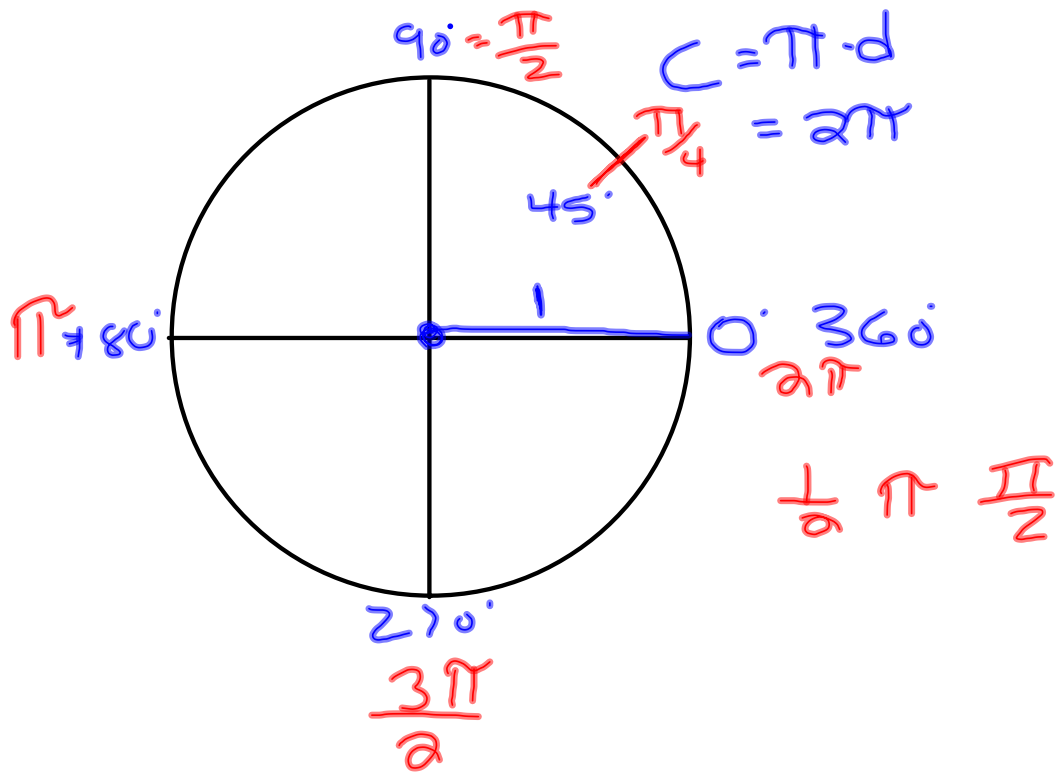
$$\frac{25\pi}{18}$$

④ $\frac{2\pi}{3}$

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



3-31-14
4th Trig



Change 50° to radians

$$50^\circ \cdot \frac{\pi}{180^\circ} = \frac{5\pi}{18}$$

Change 60° to radians.

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

Change $\frac{\pi}{6}$ to degrees.

$$\frac{\cancel{\pi}}{6} \cdot \frac{180^\circ}{\cancel{\pi}} = \frac{180}{6} = 30^\circ$$

Change $\frac{2\pi}{3}$ to degrees

$$\frac{\cancel{2\pi}}{\cancel{3}} \cdot \frac{180^\circ \cdot 60}{\cancel{\pi}} = 120^\circ$$

