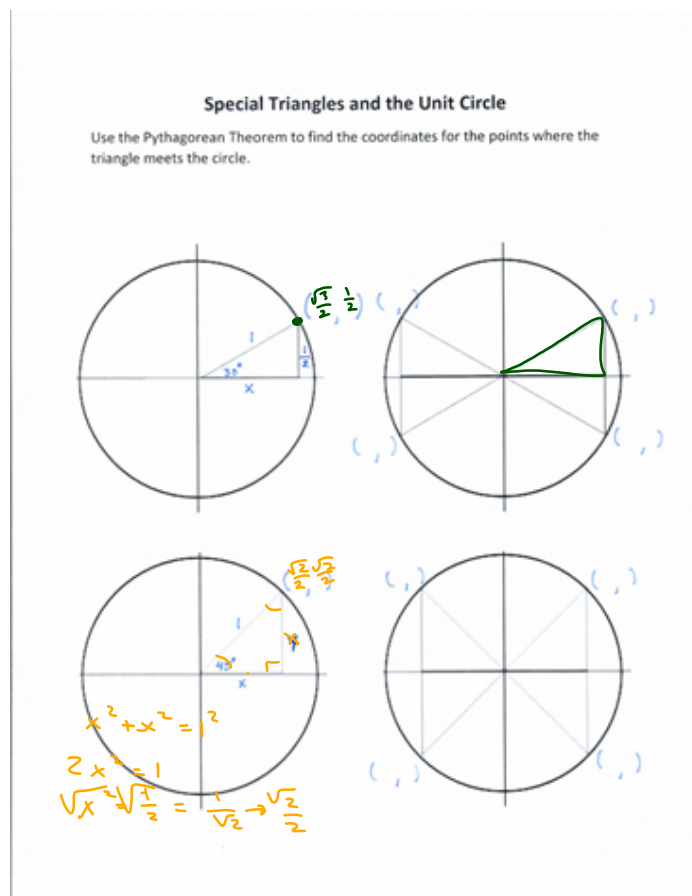


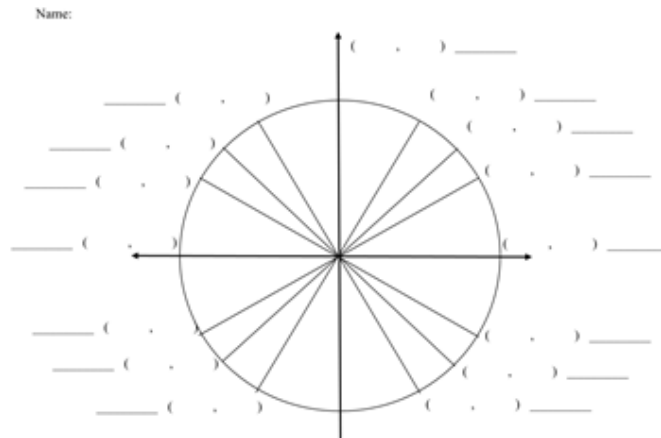
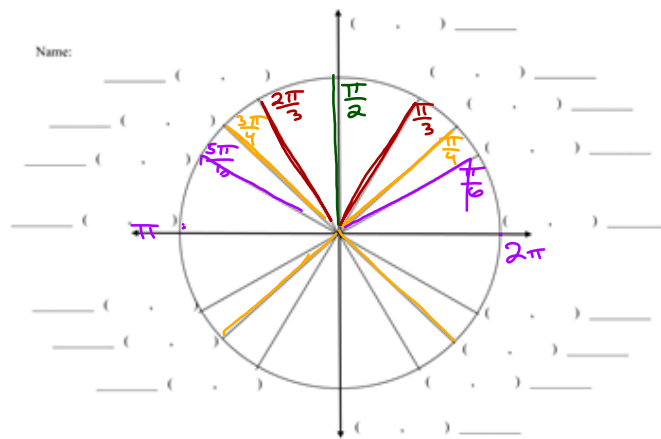
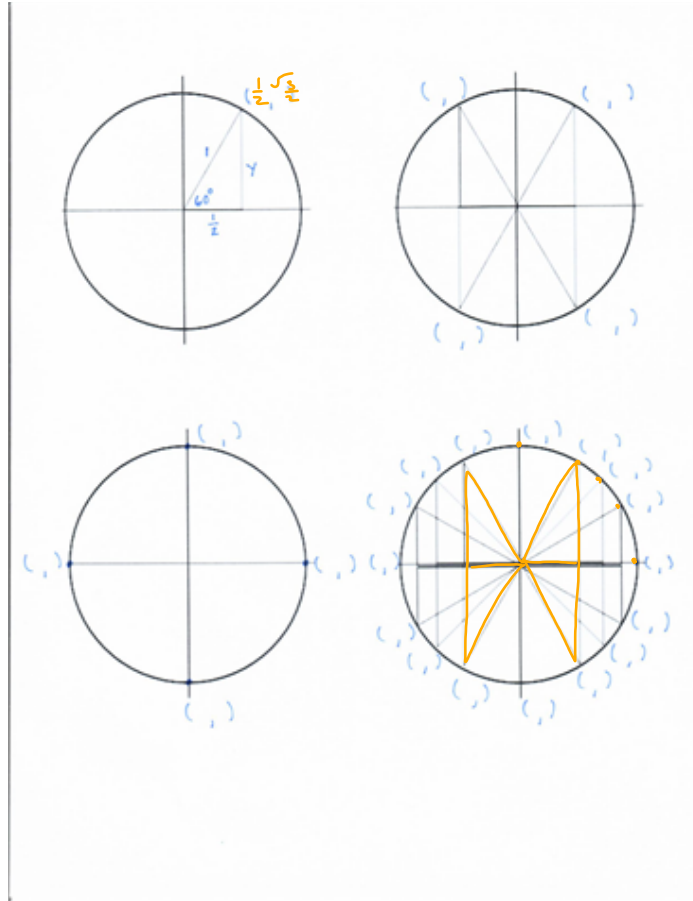
7-1 Evaluating with the Unit Circle

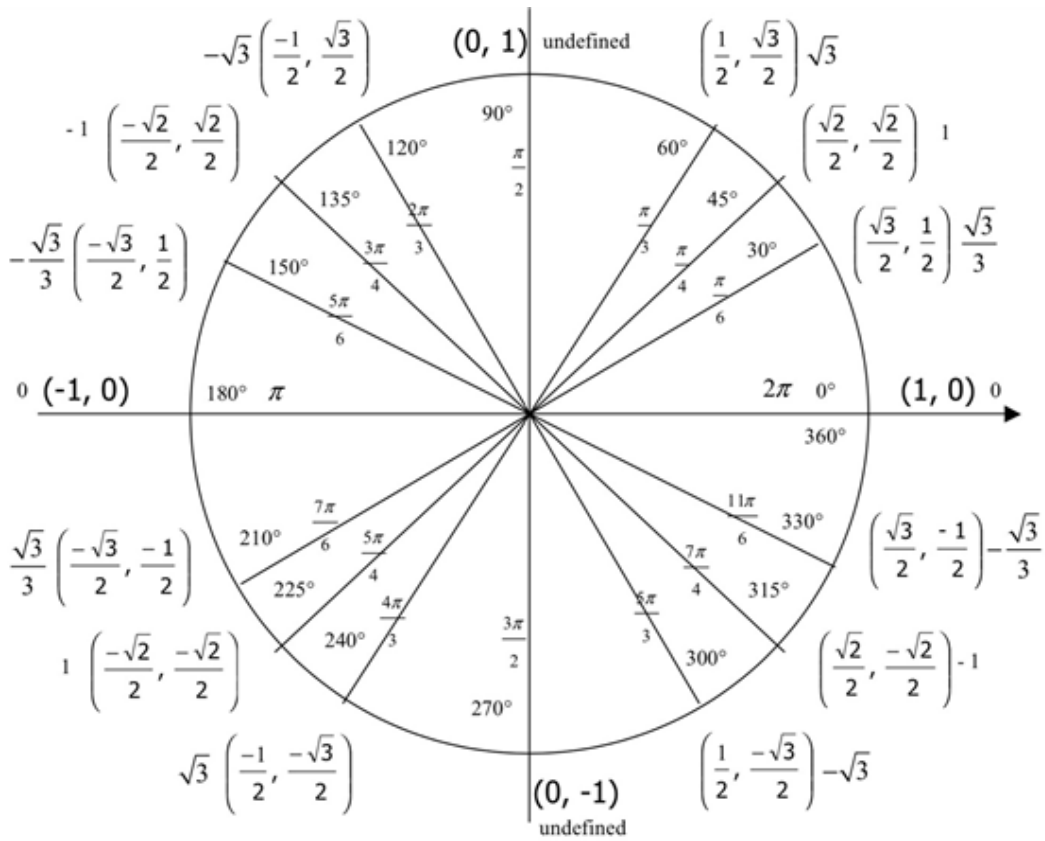
Objectives:

7-1a: I can evaluate trigonometric expressions using the unit circle.

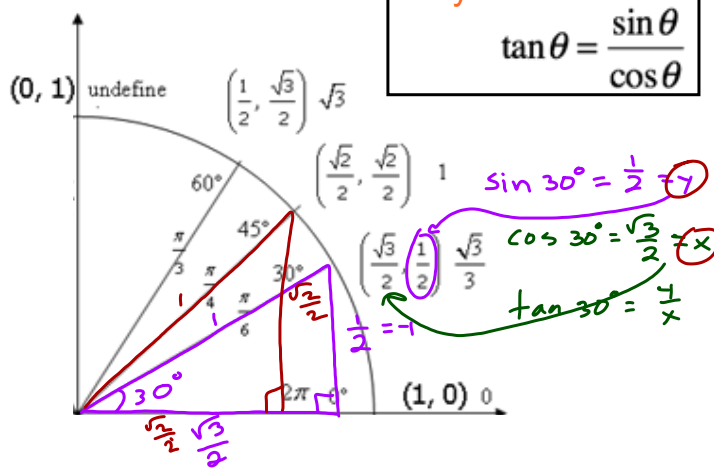
Feb 8-9:34 PM





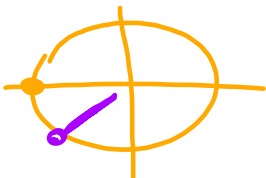



UNIT CIRCLE

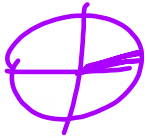


Evaluate the following

$$\sin \pi = 0$$


$$\csc \frac{5\pi}{4} = -\sqrt{2}$$


$$\cos \frac{3\pi}{4} = -\frac{\sqrt{2}}{2}$$


$$\sec \frac{\pi}{6} = \frac{2\sqrt{3}}{3}$$


$-\frac{1}{\frac{1}{2}} = -2$
 $\frac{2\sqrt{3}}{2} = \sqrt{3}$

$$\tan \frac{11\pi}{6} = -\frac{\sqrt{3}}{3}$$

$$\cot \frac{\pi}{3} = \frac{\sqrt{3}}{3}$$


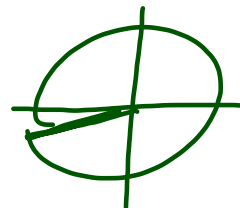
Feb 8-9:52 PM

Evaluate the following

$$\sin \frac{13\pi}{4} = -\frac{\sqrt{2}}{2}$$



$$\csc \frac{19\pi}{6} = -2$$



$$\tan \left(-\frac{\pi}{4} \right)$$

$$\sec \left(-\frac{3\pi}{2} \right)$$

Dec 16-10:02 AM

