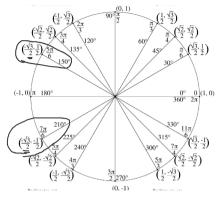
Use the given infomation to find the measure of all the angles θ that meet each condition.

$$\theta$$
 in degrees (0° $\leq \theta \leq$ 360°)

1. Cos
$$\theta = \frac{-\sqrt{3}}{2}$$

Cos is an x-coordinate, which are negative in the 2nd and 3rd Quadrants.

$$\theta$$
 = 150° and 210°



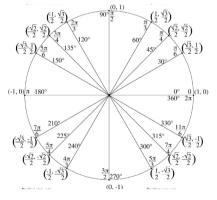
Use the given infomation to find the measure of all the angles θ that meet each condition.

$$\theta$$
 in degrees (0° $\leq \theta \leq 360$ °)

3.
$$\cos \theta = 1$$

Cos is an x-coordinate, which are positive in the 1st and 4th Quadrants.

$$\theta$$
 = 0° and 360°



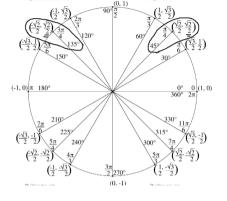
Use the given infomation to find the measure of all the angles θ that meet each condition.

$$\theta$$
 in degrees (0° $\leq \theta \leq 360$ °)

$$2. \sin \theta = \frac{\sqrt{2}}{2}$$

Sin is a y-coordinate, which are positive in the 1st and 2nd Quadrants.

$$\theta = 45^{\circ} \text{ and } 135^{\circ}$$



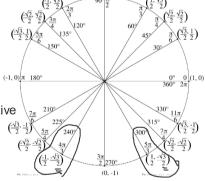
Use the given infomation to of all the angles θ that meet

$$\theta$$
 in degrees (0° $\leq \theta \leq$ 360°)

$$4. \sin \theta = -\frac{\sqrt{3}}{2}$$

Sin is a y-coordinate, which are negative in the 3rd and 4th Quadrants.

$$\theta$$
 = 240° and 300°

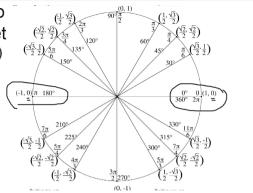


Use the given infomation to of all the angles θ that meet θ in degrees (0° < θ < 360°)

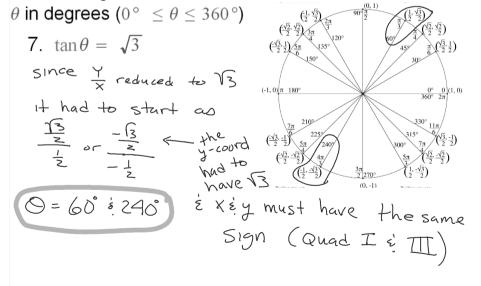
5.
$$\sin \theta = 0$$

Cos is a y-coordinate, and y is 0 when on the x-axis.

$$\theta = 0^{\circ}$$
, 180° and 210°



Use the given infomation to find the measure of all the angles θ that meet each condition.



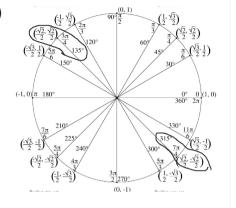
Use the given infomation to find the measure of all the angles θ that meet each condition.

$$\theta$$
 in degrees (0° $\leq \theta \leq$ 360°)

6.
$$\tan \theta = -1$$

Tan is the ratio of y/x. This will only equal -1 if x and y are opposites.

$$\theta$$
 = 135° and 315°



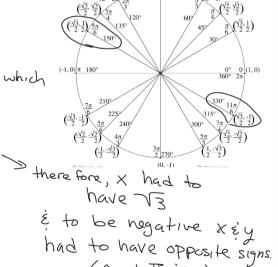
Use the given infomation to find the measure of all the angles θ that meet each condition.

8.
$$\tan \theta = -\frac{\sqrt{3}}{3}$$

Y reduced to -13 which

 θ in degrees (0° $\leq \theta \leq 360$ °)

is the result of rationalizing 1



(Quad II & IV)

You can now finish Hwk #6.

Practice Sheet: Using the Unit Circle

Due Monday, February 26

We are also done with all the material for the 1st Test.

the test will be the week we return from break.

