

Trigonometry Worksheet: Angles on the Trig Tables

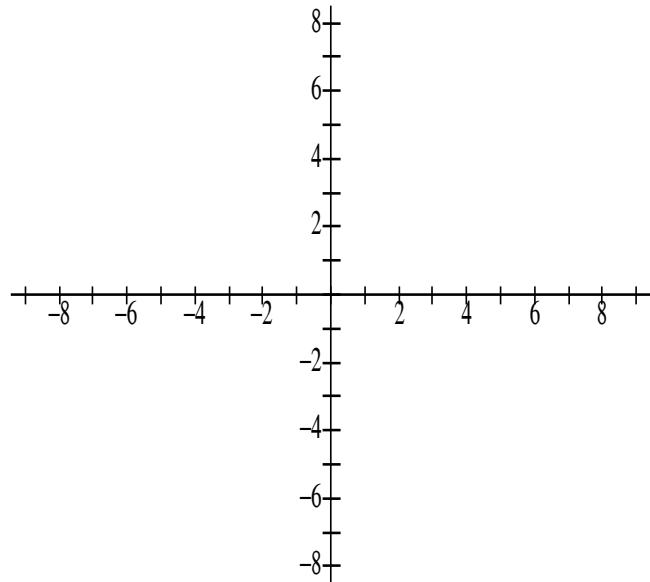
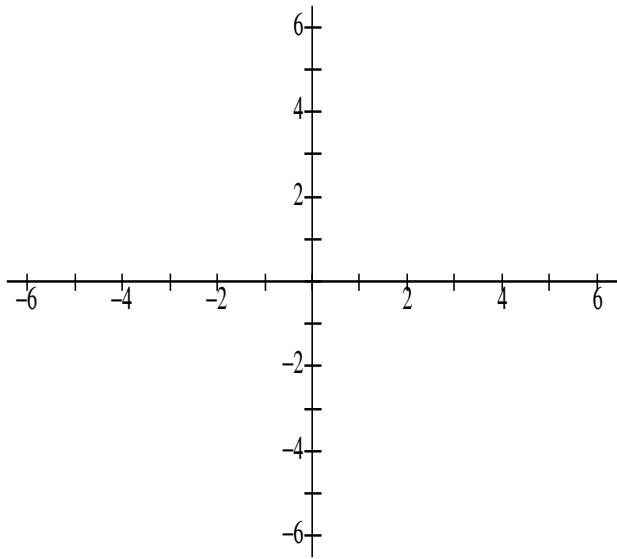
Name _____

Show all your work

Use the given x - y coordinates through which the terminal side of the angle θ passes to find the six trigonometric functions of θ . Draw the angle on the axes provided.

1) $(-3, \sqrt{3})$

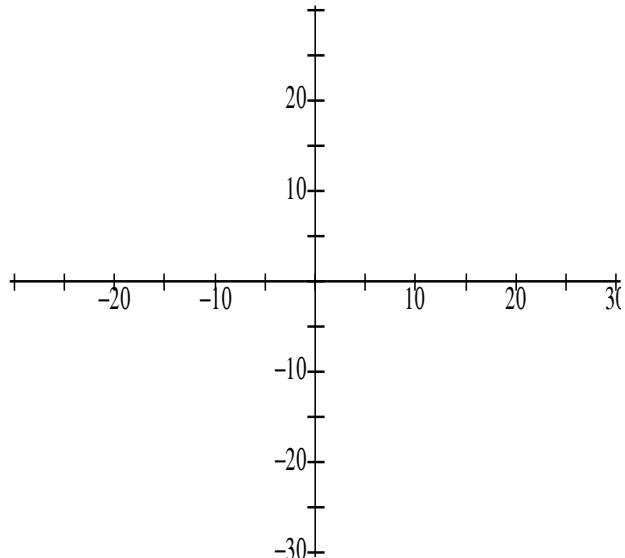
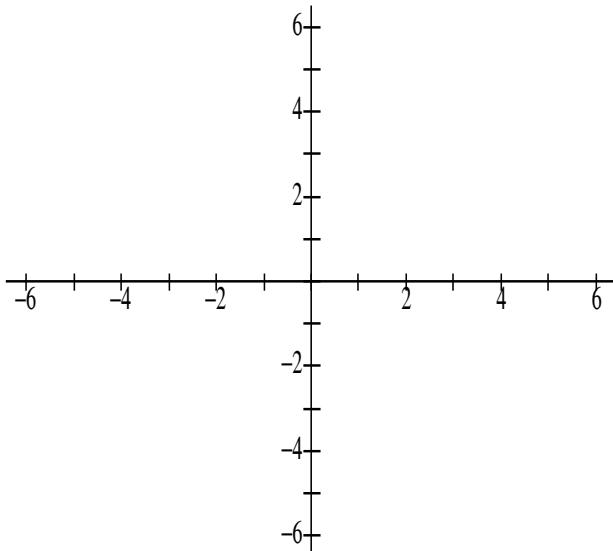
- 2) Terminal point has a
- y
- value of 2,
- $\cos\theta < 0$
- , and reference angle
- 45°



Using the given information, find the other five trigonometric functions for θ . Draw the angle on the axes provided.

3) $\sec \theta = -\frac{2\sqrt{3}}{3}$ Quadrant III

4) $\csc \theta = \sqrt{2}$ $\tan = -1$



5) Find and sketch the reference angles

a) -176°

b) 576°

c) $\frac{13\pi}{4}$