

**Continued Practice with Right Triangles**

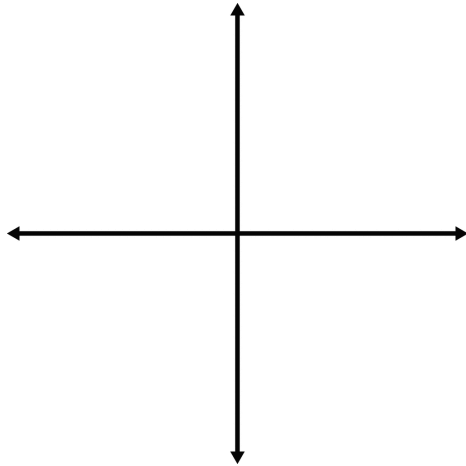
1. Let P be a point on the terminal side of  $\theta$ . Draw a picture and find the three trig functions of  $\theta$ .

A.)  $(-15, 8)$

$\sin \theta =$

$\cos \theta =$

$\tan \theta =$

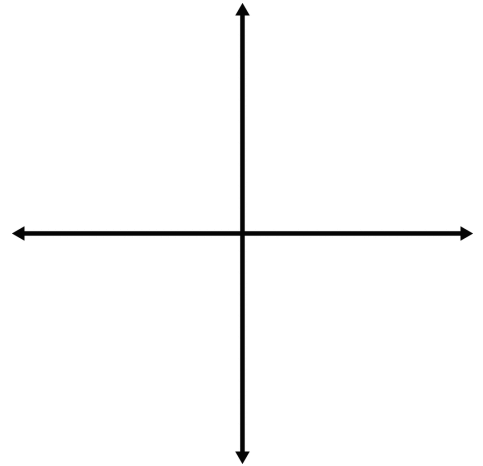


B.)  $(-7, -24)$

$\sin \theta =$

$\cos \theta =$

$\tan \theta =$



2. Find the exact value of the three trig functions of an angle  $\theta$ , in standard position, given the following information:

A.)  $\sin \theta = \frac{-1}{2}$ ; terminal side of angle  $\theta$  lies in quadrant IV

B.)  $\cos \theta = \frac{-5}{13}$ ; terminal side angle  $\theta$  lies in quadrant II

C.)  $\tan \theta = 1$ ; terminal side of angle  $\theta$  lies in quadrant III