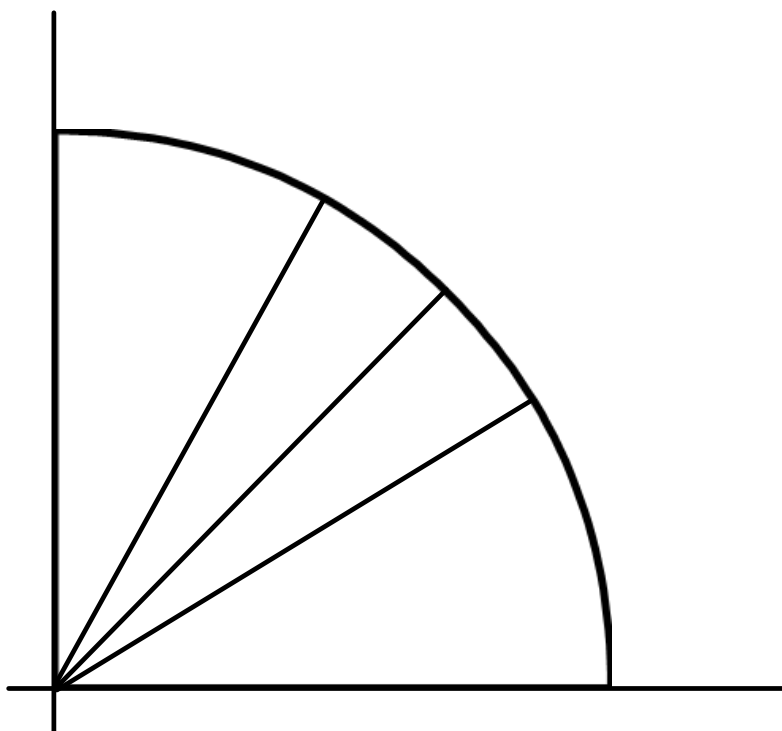


## The Unit Circle - Quadrant 1



$$\sin\theta =$$

$$\cos\theta =$$

$$\tan\theta =$$

$$\csc\theta =$$

$$\sec\theta =$$

$$\cot\theta =$$

Evaluate each trig function.

1.  $\sin 30^\circ =$  \_\_\_\_\_

6.  $\sin\left(\frac{\pi}{4}\right) =$  \_\_\_\_\_

2.  $\cos 45^\circ =$  \_\_\_\_\_

7.  $\cos\left(\frac{\pi}{6}\right) =$  \_\_\_\_\_

3.  $\csc 90^\circ =$  \_\_\_\_\_

8.  $\csc 0 =$  \_\_\_\_\_

4.  $\tan 60^\circ =$  \_\_\_\_\_

9.  $\tan\left(\frac{\pi}{4}\right) =$  \_\_\_\_\_

5.  $\sec 45^\circ =$  \_\_\_\_\_

10.  $\sec\left(\frac{\pi}{2}\right) =$  \_\_\_\_\_