

Find the exact value of the given trigonometric function. Draw your picture and show the special triangle or axis that you used.

1.  $\cos 30^\circ =$

6.  $\cot 135^\circ =$

2.  $\sin \frac{\pi}{3} =$

7.  $\sin -240^\circ =$

3.  $\tan \frac{5\pi}{6} =$

8.  $\cos -\frac{21\pi}{4} =$

4.  $\csc 30^\circ =$

9.  $\tan -540^\circ =$

5.  $\sec \frac{7\pi}{4} =$

10.  $\sec 570^\circ =$