

## Assignment

Date \_\_\_\_\_ Period \_\_\_\_\_

**Find the exact value of each trigonometric function.**

1)  $\csc 240^\circ$

2)  $\sec \frac{7\pi}{6}$

3)  $\sec 120^\circ$

4)  $\sec \frac{\pi}{3}$

5)  $\sec \frac{5\pi}{6}$

6)  $\tan 210^\circ$

7)  $\cos 180^\circ$

8)  $\cos \frac{\pi}{4}$

9)  $\csc 270^\circ$

10)  $\sin 135^\circ$

11)  $\cos \frac{11\pi}{6}$

12)  $\cot \frac{3\pi}{2}$

13)  $\sec \frac{7\pi}{4}$

14)  $\sec 90^\circ$

15)  $\cos \frac{5\pi}{6}$

16)  $\sin \frac{7\pi}{4}$

17)  $\cos 330^\circ$

18)  $\tan 330^\circ$

19)  $\cos 0^\circ$

20)  $\cot \frac{\pi}{6}$

## Assignment

Date \_\_\_\_\_ Period \_\_\_\_\_

Find the exact value of each trigonometric function.

1)  $\csc 240^\circ - \frac{2\sqrt{3}}{3}$

2)  $\sec \frac{7\pi}{6} - \frac{2\sqrt{3}}{3}$

3)  $\sec 120^\circ$   
-2

4)  $\sec \frac{\pi}{3}$

5)  $\sec \frac{5\pi}{6} - \frac{2\sqrt{3}}{3}$

6)  $\tan 210^\circ \frac{\sqrt{3}}{3}$

7)  $\cos 180^\circ$   
-1

8)  $\cos \frac{\pi}{4} \frac{\sqrt{2}}{2}$

9)  $\csc 270^\circ$   
-1

10)  $\sin 135^\circ \frac{\sqrt{2}}{2}$

11)  $\cos \frac{11\pi}{6} \frac{\sqrt{3}}{2}$

12)  $\cot \frac{3\pi}{2}$

13)  $\sec \frac{7\pi}{4}$   
 $\sqrt{2}$

14)  $\sec 90^\circ$   
Undefined

15)  $\cos \frac{5\pi}{6} - \frac{\sqrt{3}}{2}$

16)  $\sin \frac{7\pi}{4} - \frac{\sqrt{2}}{2}$

17)  $\cos 330^\circ \frac{\sqrt{3}}{2}$

18)  $\tan 330^\circ - \frac{\sqrt{3}}{3}$

19)  $\cos 0^\circ$   
1

20)  $\cot \frac{\pi}{6}$   
 $\sqrt{3}$