

## Unit 6 Test Review

Period \_\_\_\_\_

**Convert each degree measure into radians and each radian measure into degrees.**

1)  $-765^\circ$

2)  $\frac{11\pi}{9}$

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

3)  $\tan \frac{7\pi}{6}$

4)  $\tan 150^\circ$

5)  $\sin 30^\circ$

6)  $\cos \frac{4\pi}{3}$

7)  $\sin 120^\circ$

8)  $\tan \frac{\pi}{2}$

**Determine whether the given point is positive, negative, or neither**

9)  $\tan 210^\circ$

10)  $\cos \frac{\pi}{2}$

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

11)  $\sec 270^\circ$

12)  $\sec 60^\circ$

13)  $\csc 225^\circ$

14)  $\cot 240^\circ$

15)  $\sec 240^\circ$

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

17)  $\sec 0$

18)  $\cot 180^\circ$