

## Unit 2.1 Radian Measure PRACTICE

Period \_\_\_\_\_

**Convert each degree measure into radians.**

1)  $480^\circ$

2)  $135^\circ$

3)  $-960^\circ$

4)  $-585^\circ$

5)  $-525^\circ$

6)  $150^\circ$

7)  $-885^\circ$

8)  $330^\circ$

**Convert each radian measure into degrees.**

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

10)  $\frac{37\pi}{36}$

11)  $\frac{7\pi}{9}$

12)  $\frac{71\pi}{12}$

13)  $\frac{\pi}{9}$

14)  $\frac{\pi}{6}$

15)  $\frac{9\pi}{4}$

16)  $-\frac{11\pi}{36}$

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

17)  $\tan \frac{\pi}{4}$

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

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

20)  $\csc \frac{\pi}{3}$

21)  $\sec \frac{3\pi}{2}$

22)  $\tan \frac{\pi}{6}$

23)  $\cos \frac{5\pi}{4}$

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