

PRACTICE Quiz 2.1 Radian Measure**Convert each degree measure into radians.**

1) 890°

2) 20°

3) -135°

4) -60°

5) -165°

6) -585°

Convert each radian measure into degrees.

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

8) $-\frac{5\pi}{12}$

9) $\frac{17\pi}{12}$

10) $\frac{13\pi}{3}$

Find the exact value of each trigonometric function.

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

12) $\cos \frac{7\pi}{6}$

PRACTICE Quiz 2.1 Radian Measure**Convert each degree measure into radians.**

1) 890°

$$\frac{89\pi}{18}$$

2) 20°

$$\frac{\pi}{9}$$

3) -135°

$$-\frac{3\pi}{4}$$

4) -60°

$$-\frac{\pi}{3}$$

5) -165°

$$-\frac{11\pi}{12}$$

6) -585°

$$-\frac{13\pi}{4}$$

Convert each radian measure into degrees.

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

$$405^\circ$$

8) $-\frac{5\pi}{12}$

$$-75^\circ$$

9) $\frac{17\pi}{12}$

$$255^\circ$$

10) $\frac{13\pi}{3}$

$$780^\circ$$

Find the exact value of each trigonometric function.

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

$$\frac{2\sqrt{3}}{3}$$

12) $\cos \frac{7\pi}{6}$

$$-\frac{\sqrt{3}}{2}$$