

WS 10.1, 10.2 Quick Review ANSWER KEY

*Please note: When given angle measures are in degrees, answers should be in degrees. When given angle measures are in radians, answers should be given in radians.

*Answers may vary when talking about coterminal angles.

1. Quadrant 2, Reference Angle: 30° , Coterminal Angles: 150° , -210°

2. Quadrant 1, Reference Angle: $\frac{5\pi}{18}$, Coterminal Angles: $\frac{5\pi}{18}$, $-\frac{67\pi}{18}$

$$\sin \theta = -\frac{3}{5}, \cos \theta = \frac{4}{5}, \tan \theta = -\frac{3}{4}$$

3.

$$\csc \theta = -\frac{5}{3}, \sec \theta = \frac{5}{4}, \cot \theta = -\frac{4}{3}$$

4. $\frac{\pi}{6}, \frac{5\pi}{6}, \frac{11\pi}{6}, -\frac{\pi}{6}, \frac{13\pi}{6}$

5. $\frac{4\pi}{3}$

6. 86,628 feet