

OBJECTIVE: You will be able to find the remaining five trigonometric values given one value and a quadrant.

Find the remaining 5 Trigonometric values for each given.

1. $\sin \theta = \frac{-4}{5}$, and θ is in Quadrant IV

2. $\cos \theta = \frac{-1}{2}$, and θ is in Quadrant II

3. $\tan \theta = 2$, and θ is in Quadrant I

4. $\sec \theta = \sqrt{3}$, and θ is in Quadrant IV

Find all six trigonometric values for the given angle or radian measure.

5. $x = -\frac{3\pi}{4}$

6. $x = \pi$

7. $\theta = -210^\circ$

8. $x = \frac{\pi}{6}$