

Warm-up:

No Calculator

Rewrite as a function of a positive acute angle.

1. $\csc 240^\circ$

2. $\tan 150^\circ$

3. $\cos 315^\circ$

Find the reference angle for each of the following.

4. -212°

5. 440°

Given the values of two trig functions, state the quadrant(s) in which the angle lies.

6. $\sin \theta = -\frac{1}{3}, \cos \theta = -\frac{2\sqrt{2}}{3}$

7. $\tan \theta = \frac{\sqrt{5}}{2}, \cot \theta = \frac{2}{\sqrt{5}}$