

Alg 2 Pythagorean Identity Practice

Name _____ Hr _____

Find the remaining trig functions, then prove the Pythagorean Identity.

1. Given $\sin \theta = \frac{3}{5}$ in quadrant II.

2. Given $\tan \theta = \sqrt{3}$ in quadrant III.

3. Given $\cos \theta = -\frac{2}{3}$ in quadrant III

4. Given $\tan \theta = -1$ in quadrant II.

5. Given $\cos \theta = \frac{3}{5}$ in quadrant I.

6. Given $\sin \theta = -\frac{1}{10}$ in quadrant IV.

7. Given $\sin \theta = -\frac{6}{7}$ in quadrant IV.

8. Given $\cos \theta = \frac{1}{2}$ in quadrant I.