Alg 2 Pythagorean Identity Practice   Name_____Hr__

Given one trig ratio, find the remaining **2** trig functions.

1. Given $\sin \theta = \frac{3}{5}$ and $\cos \theta$ is negative.

2. Given $\tan \theta = \sqrt{3}$ and $\sin \theta$ is negative.

3. Given $\cos \theta = -\frac{2}{3}$ and $\tan \theta$ is positive.

4. Given $\tan \theta = -1$ and $\sin \theta$ is positive.

5. Given $\cos \theta = \frac{3}{5}$ and $\sin \theta$ is positive.

6. Given $\sin \theta = -\frac{1}{10}$ and $\cos \theta$ is positive.

7. Given $\sin \theta = -\frac{6}{7}$ and $\tan \theta$ is negative.

8. Given $\cos \theta = \frac{1}{2}$ and $\tan \theta$ is positive.