

## Alg 2 Solving Trig Equations 1

Name \_\_\_\_\_ Hr \_\_\_\_\_

Find both solutions to the following equations.

1.  $\cos \theta = \frac{\sqrt{3}}{2}$

2.  $\sin \theta = \frac{1}{\sqrt{2}}$

3.  $\tan \theta = \frac{1}{\sqrt{3}}$

4.  $\cos \theta = \frac{-1}{2}$

5.  $\tan \theta = -1$

6.  $\sin \theta = \frac{-1}{2}$

7.  $\tan \theta = -\sqrt{3}$

8.  $\cos \theta = \frac{-1}{\sqrt{2}}$