

Alg 2 Solving Trig Equations 1

Name _____ Hr _____

Find both solutions to the following equations, for $0 \leq \theta \leq 360$.

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