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