Solving Trig Equations:

Solve the following for all angles on the interval $0° \leq \theta < 360°$.

1. $\sin\theta = \frac{1}{2}$
2. $\cos\theta = \frac{1}{2}$
3. $\sin\theta = -\frac{1}{2}$
4. $\cos\theta = -\frac{1}{2}$
5. $\sin\theta = \frac{\sqrt{3}}{2}$
6. $\cos\theta = \frac{\sqrt{3}}{2}$
7. $\sin\theta = -\frac{\sqrt{3}}{2}$
8. $\cos\theta = -\frac{\sqrt{3}}{2}$
9. $\sin\theta = \frac{\sqrt{2}}{2}$
10. $\cos\theta = \frac{\sqrt{2}}{2}$
11. $\sin\theta = -\frac{\sqrt{2}}{2}$
12. $\cos\theta = -\frac{\sqrt{2}}{2}$
13. $\sin\theta = 1$
14. $\cos\theta = 1$
15. $\sin\theta = -1$
16. $\cos\theta = -1$
17. $\sin\theta = 0$
18. $\cos\theta = 0$
19. $\tan\theta = \frac{\sqrt{3}}{3}$
20. $\tan\theta = -\frac{\sqrt{3}}{3}$
21. $\tan\theta = \sqrt{3}$
22. $\tan\theta = -\sqrt{3}$
23. $\tan\theta = 1$
24. $\tan\theta = -1$
25. $\tan\theta = 0$
26. $\tan\theta = undefined$