Solve each trigonometric equation for θ on the interval $[0,2\pi]$. Then give a formula for all possible angles that could be a solution of the equation.

A) $\cos\theta = \frac{\sqrt{2}}{2}$

B) $\sin\theta = \frac{-1}{2}$

C) $\cos\theta = 1$

D) $\sin\theta = 0$

E) $\tan\theta = \frac{-1}{\sqrt{3}}$

F) $\tan\theta = \sqrt{3}$

Solve each trigonometric equation for θ on the interval $[0,2\pi]$.

A) $\sin 2\theta = \frac{1}{2}$

B) $\cos 3\theta = \frac{1}{2}$

C) $\sin \frac{\theta}{3} = \frac{\sqrt{3}}{2}$

D) $\tan\left(\frac{\theta}{2} + \frac{\pi}{6}\right) = -1$

E) $\cos\theta = -.4$

F) $\sin\theta = .2$