Determine if the following are solutions to the equation $\cos \theta = \frac{1}{2}$

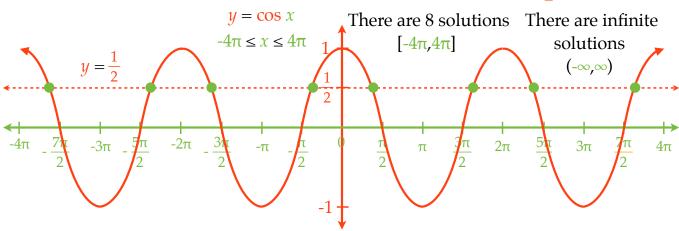
$$\theta = \frac{\pi}{2}$$

$$\theta = \frac{\pi}{3}$$

$$\theta = \frac{5\pi}{3}$$

The solution to $\cos \theta = \frac{1}{2}$ is any value of θ that makes the equation a true statement.

How many solutions are there to the equation $\cos \theta = \frac{1}{2}$



The solution to $\cos \theta = \frac{1}{2}$ is any value of θ that makes the equation a true statement.

How to express all solutions of the equation $\cos \theta = \frac{1}{2}$ The period of cosine is 2π

Solve the equation $\cos \theta = \frac{1}{2}$, $[0,2\pi)$

Give all solutions to the equation $\sin \theta = \frac{1}{2}$ The period of sine is 2π

Solve the equation $\sin \theta = \frac{1}{2}$, $[0,2\pi)$

Give all solutions to the equation $\tan \theta = 1$ The period of tangent is π

Solve the equation $\tan \theta = 1$, $[0,\pi)$

Give all solutions to the equation $\cos\theta=0$ The period of cosine is 2π

Solve the equation $\cos \theta = 0$, $[0,2\pi)$

Give all solutions to the equation $\sin\theta = -1$ The period of sine is 2π

Solve the equation $\sin \theta = -1$, $[0,2\pi)$

Give all solutions to the equation $\tan \theta = -\frac{\sqrt{3}}{3}$ The period of $\tan is \pi$

Solve the equation $\tan \theta = -\frac{\sqrt{3}}{3}$, $[0,\pi)$