

Solve for  $x$   $0 \leq x < 2\pi$

$$\textcircled{1} \quad 2 \cos x - \sqrt{3} = 0$$

$$\frac{2 \cos x}{2} = \frac{\sqrt{3}}{2}$$

$$\cos x = \frac{\sqrt{3}}{2}$$

$$\frac{\pi}{6}, \frac{11\pi}{6}$$

$$\textcircled{2} \quad 5 + 2 \sin x - 7 = 0$$

$$2 \sin x - 2 = 0$$

$$\frac{2 \sin x}{2} = \frac{2}{2}$$

$$\sin x = 1$$

$$0, \frac{\pi}{2}$$

Use  
Unit circle  
to LOCATE VALUES

you