

## 11-2 Solving Trig Equations

Solve each equation using the domain of  $(0^\circ, 360^\circ]$ .

\_\_\_\_\_ 1.  $2 \cos x = \sqrt{3}$

\_\_\_\_\_ 2.  $2 \cos x = 1$

\_\_\_\_\_ 3.  $(2 \sin x - 1)(2 \sin x + \sqrt{3}) = 0$

\_\_\_\_\_ 4.  $(2 \sin x + 1)(\sin x + 1) = 0$

\_\_\_\_\_ 5.  $\cos x \bullet \cos x - \cos x = 0$