

$$\begin{array}{ccccc}
 x^2 - 2 = 0 & \text{or} & 4x + 3 = 0 & \text{or} & x - 3 = 0 \\
 x^2 = 2 & \left| & 4x = -3 & \right| & x = 3 \\
 x = \pm\sqrt{2} & & x = -\frac{3}{4} & &
 \end{array}$$