

$$x^2 - 5x + 6 = 0$$

$$\begin{cases} x_1 + x_2 = & x_1 = \\ x_1 x_2 = & x_2 = \end{cases}$$

$$x^2 + 5x + 6 = 0$$

$$\begin{cases} x_1 + x_2 = & x_1 = \\ x_1 x_2 = & x_2 = \end{cases}$$

$$x^2 - x - 6 = 0$$

$$\begin{cases} x_1 + x_2 = & x_1 = \\ x_1 x_2 = & x_2 = \end{cases}$$

$$x^2 + x - 6 = 0$$

$$\begin{cases} x_1 + x_2 = & x_1 = \\ x_1 x_2 = & x_2 = \end{cases}$$

$$x^2 + 8x + 15 = 0$$

$$\begin{cases} x_1 + x_2 = & x_1 = \\ x_1 x_2 = & x_2 = \end{cases}$$

$$x^2 - 8x + 15 = 0$$

$$\begin{cases} x_1 + x_2 = & x_1 = \\ x_1 x_2 = & x_2 = \end{cases}$$

$$x^2 - 2x - 15 = 0$$

$$\begin{cases} x_1 + x_2 = & x_1 = \\ x_1 x_2 = & x_2 = \end{cases}$$

$$x^2 + 2x - 15 = 0$$

$$\begin{cases} x_1 + x_2 = & x_1 = \\ x_1 x_2 = & x_2 = \end{cases}$$

$$x^2 = 4$$

no solutions

1 solution

2 solutions

$$x^2 = -4$$

no solutions

1 solution

2 solutions

$$x^2 = 5$$

no solutions

1 solution

2 solutions

$$x^2 = -5$$

no solutions

1 solution

2 solutions

$$x^2 - 4x = 0$$

$$x_1 = \quad x_2 =$$

$$x^2 + 4x = 0$$

$$x_1 = \quad x_2 =$$

$$x^2 - 5x = 0$$

$$x_1 = \quad x_2 =$$

$$x^2 + 5x = 0$$

$$x_1 = \quad x_2 =$$

$$3x^2 - 13x + 4 = 0$$

$$\Delta =$$

$$\sqrt{\Delta} =$$

$$x_1 =$$

$$x_2 = \frac{3}{3}$$

$$10x^2 - 9x + 2 = 0$$

$$\Delta =$$

$$\sqrt{\Delta} =$$

$$x_1 = \frac{5}{5}$$

$$x_2 = \frac{2}{2}$$

$$9x^2 - 19x + 2 = 0$$

$$\Delta =$$

$$\sqrt{\Delta} =$$

$$x_1 =$$

$$x_2 = \frac{9}{9}$$