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

$$\begin{cases} x_1 + x_2 = \\ x_1 x_2 = \end{cases} \quad \begin{aligned} x_1 = \\ x_2 = \end{aligned}$$

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

$$\begin{cases} x_1 + x_2 = \\ x_1 x_2 = \end{cases} \quad \begin{aligned} x_1 = \\ x_2 = \end{aligned}$$

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

$$\begin{cases} x_1 + x_2 = \\ x_1 x_2 = \end{cases} \quad \begin{aligned} x_1 = \\ x_2 = \end{aligned}$$

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

$$\begin{cases} x_1 + x_2 = \\ x_1 x_2 = \end{cases} \quad \begin{aligned} x_1 = \\ x_2 = \end{aligned}$$

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

$$\begin{cases} x_1 + x_2 = \\ x_1 x_2 = \end{cases} \quad \begin{aligned} x_1 = \\ x_2 = \end{aligned}$$

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

$$\begin{cases} x_1 + x_2 = \\ x_1 x_2 = \end{cases} \quad \begin{aligned} x_1 = \\ x_2 = \end{aligned}$$

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

$$\begin{cases} x_1 + x_2 = \\ x_1 x_2 = \end{cases} \quad \begin{aligned} x_1 = \\ x_2 = \end{aligned}$$

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

$$\begin{cases} x_1 + x_2 = \\ x_1 x_2 = \end{cases} \quad \begin{aligned} x_1 = \\ x_2 = \end{aligned}$$

$$x^2 = 4$$
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

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

$$x_1 = \quad x_2 =$$

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

$$x_1 = \quad x_2 =$$

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

$$x_1 = \quad x_2 =$$

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

$$x_1 = \quad x_2 =$$

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

$$\Delta =$$

$$\sqrt{\Delta} =$$

$$x_1 =$$

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

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

$$\Delta =$$

$$\sqrt{\Delta} =$$

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

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

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

$$\Delta =$$

$$\sqrt{\Delta} =$$

$$x_1 =$$

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