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

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

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

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

$x^2 - x - 6 = 0$

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

$x^2 + x - 6 = 0$

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

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

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

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

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

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

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

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

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

$x^2 = 4$
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

$x^2 - 4x = 0$

$x_1 =$ $x_2 =$

$x^2 + 4x = 0$

$x_1 =$ $x_2 =$

$x^2 - 5x = 0$

$x_1 =$ $x_2 =$

$x^2 + 5x = 0$

$x_1 =$ $x_2 =$

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

$\Delta =$

$\sqrt{\Delta} =$

$x_1 =$

$x_2 = \frac{}{3}$

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

$\Delta =$

$\sqrt{\Delta} =$

$x_1 = \frac{}{5}$

$x_2 = \frac{}{2}$

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

$\Delta =$

$\sqrt{\Delta} =$

$x_1 =$

$x_2 = \frac{}{9}$

LIVEWORKSHEETS