

$x^2 - 5x + 6 = 0$ $\begin{cases} x_1 + x_2 = & x_1 = \\ x_1 x_2 = & x_2 = \end{cases}$	$x^2 + 5x + 6 = 0$ $\begin{cases} x_1 + x_2 = & x_1 = \\ x_1 x_2 = & x_2 = \end{cases}$
$x^2 - x - 6 = 0$ $\begin{cases} x_1 + x_2 = & x_1 = \\ x_1 x_2 = & x_2 = \end{cases}$	$x^2 + x - 6 = 0$ $\begin{cases} x_1 + x_2 = & x_1 = \\ x_1 x_2 = & x_2 = \end{cases}$
$x^2 + 8x + 15 = 0$ $\begin{cases} x_1 + x_2 = & x_1 = \\ x_1 x_2 = & x_2 = \end{cases}$	$x^2 - 8x + 15 = 0$ $\begin{cases} x_1 + x_2 = & x_1 = \\ x_1 x_2 = & x_2 = \end{cases}$
$x^2 - 2x - 15 = 0$ $\begin{cases} x_1 + x_2 = & x_1 = \\ x_1 x_2 = & x_2 = \end{cases}$	$x^2 + 2x - 15 = 0$ $\begin{cases} x_1 + x_2 = & x_1 = \\ x_1 x_2 = & x_2 = \end{cases}$

$x^2 = 4$ 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
$x^2 - 4x = 0$ $x_1 = \quad x_2 =$	$x^2 + 4x = 0$ $x_1 = \quad x_2 =$	$x^2 - 5x = 0$ $x_1 = \quad x_2 =$	$x^2 + 5x = 0$ $x_1 = \quad x_2 =$

$3x^2 - 13x + 4 = 0$ $\Delta =$ $\sqrt{\Delta} =$ $x_1 =$ $x_2 = \frac{1}{3}$	$10x^2 - 9x + 2 = 0$ $\Delta =$ $\sqrt{\Delta} =$ $x_1 = \frac{2}{5}$ $x_2 = \frac{1}{2}$	$9x^2 - 19x + 2 = 0$ $\Delta =$ $\sqrt{\Delta} =$ $x_1 =$ $x_2 = \frac{2}{9}$
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