

Solutions – Quadratic Simultaneous Equations (A)

Solve the equations $-x + y = 6$ and $x^2 + 2x - 2y = -11$

$(-1, 5)$ and $(1, 7)$

Solve the equations $-2x + y = 5$ and $2x^2 - 6x - y = 5$

$(-1, 3)$ and $(5, 15)$

Solutions – Quadratic Simultaneous Equations (B)

Solve the equations $-2x - y = -3$ and $2x^2 + 2y = 12$

$(-1, 5)$ and $(3, -3)$

Solve the equations $-x + y = -4$ and $x^2 + 2x - 2y = 9$

$(-1, -5)$ and $(1, -3)$

Solutions – Quadratic Simultaneous Equations (C)

Solve the equations $x + y = -6$ and $x^2 - 2x - y = 12$

$(-2, -4)$ and $(3, -9)$

Solve the equations $-2x + y = 13$ and $2x^2 + 4x - y = 11$

$(-4, 5)$ and $(3, 19)$

Solutions – Quadratic Simultaneous Equations (D)

Solve the equations $-3x - y = 5$ and $x^2 + 6x + 2y = -9$

$(-1, -2)$ and $(1, -8)$

Solve the equations $x + y = -5$ and $x^2 - 2x - y = 11$

$(-2, -3)$ and $(3, -8)$

Solutions – Quadratic Simultaneous Equations (E)

Solve the equations $-x + y = -3$ and $x^2 + 5x - y = 8$

$(-5, -8)$ and $(1, -2)$

Solve the equations $6x - y = 2$ and $2x^2 - 16x + 2y = 2$

$(-1, -8)$ and $(3, 16)$

Solutions – Quadratic Simultaneous Equations (F)

Solve the equations $x - y = 6$ and $x^2 - 2y = 15$

$(-1, -7)$ and $(3, -3)$

Solve the equations $x + 2y = -15$ and $2x^2 - 3x + 2y = 15$

$(-3, -6)$ and $(5, -10)$

Solutions – Quadratic Simultaneous Equations (G)

Solve the equations $x + y = -7$ and $x^2 + 3x - y = 12$

$(-5, -2)$ and $(1, -8)$

Solve the equations $-3x + y = 4$ and $x^2 - 7x + 2y = 14$

$(-2, -2)$ and $(3, 13)$

Solutions – Quadratic Simultaneous Equations (H)

Solve the equations $x + y = -7$ and $x^2 - 2x + y = 3$

$(-2, -5)$ and $(5, -12)$

Solve the equations $-2x - y = -3$ and $x^2 + 2y = 11$

$(-1, 5)$ and $(5, -7)$

Solutions – Quadratic Simultaneous Equations (I)

Solve the equations $x + y = 7$ and $x^2 - 2x + y = 11$

$(-1, 8)$ and $(4, 3)$

Solve the equations $-5x - y = -1$ and $x^2 - 10x - 2y = -1$

$(-1, 6)$ and $(1, -4)$

Solutions – Quadratic Simultaneous Equations (J)

Solve the equations $-x + y = 10$ and $x^2 + 3x - 2y = -18$

$(-2, 8)$ and $(1, 11)$

Solve the equations $x - 4y = 1$ and $2x^2 + 2x + 8y = 4$

$(-3, -1)$ and $(1, 0)$