



## Simultaneous Equations –

Use the Elimination Method

## Videos Required:

**Video 10**

$-x - 3y = -8$ $3x - 3y = 0$ $x = 2$ $y = 2$	$4x + y = 26$ $3x + 3y = 33$ $x = 5$ $y = 6$	$2x + 2y = 14$ $3x + 4y = 30$ $x = -2$ $y = 9$	$2x + 4y = 20$ $3x + 3y = 24$ $x = 6$ $y = 2$
$4x + 4y = 16$ $-2x - y = -5$ $x = 1$ $y = 3$	$4x + y = 32$ $2x + 5y = 34$ $x = 7$ $y = 4$	$2x - 2y = 2$ $3x + 3y = 39$ $x = 7$ $y = 6$	$4x + 2y = 30$ $3x + 4y = 30$ $x = 6$ $y = 3$
$x - 4y = 19$ $3x + 5y = 6$ $x = 7$ $y = -3$	$2x + 3y = 26$ $3x - 2y = 13$ $x = 7$ $y = 4$	$-3x + 2y = -8$ $5x + 3y = 7$ $x = 2$ $y = -1$	$x + 3y = 28$ $2x + 2y = 24$ $x = 4$ $y = 8$
$5x - y = 13$ $x + y = 5$ $x = 3$ $y = 2$	$3x + 2y = 35$ $4x + 3y = 49$ $x = 7$ $y = 7$	$x + y = 3$ $3x + 2y = 7$ $x = 1$ $y = 2$	$3x + 3y = 27$ $4x + 2y = 30$ $x = 6$ $y = 3$