

**Outcome 1 - Simultaneous Equations**

Solve the following sets of equations by elimination...

1

$$\begin{aligned} 5x + 2y &= 7 \\ 2x - 3y &= 37 \end{aligned}$$

2

$$\begin{aligned} 3x + 2y &= 10 \\ 2x + 5y &= 3 \end{aligned}$$

3

$$\begin{aligned} 2x + 3y &= 5 \\ 5x - 2y &= 22 \end{aligned}$$

4

$$\begin{aligned} 9x + 4y &= 10 \\ 3x + 2y &= 2 \end{aligned}$$

5

$$\begin{aligned} 5x + 2y &= 43 \\ 2x + 3y &= 15 \end{aligned}$$

6

$$\begin{aligned} 3x + 2y &= 16 \\ 2x - 5y &= 17 \end{aligned}$$

7

$$\begin{aligned} 3x + 2y &= 16 \\ 2x - 5y &= 17 \end{aligned}$$

8

$$\begin{aligned} 10x + 3y &= 33 \\ 5x + 2y &= 7 \end{aligned}$$

9

$$\begin{aligned} 4x + 3y &= 9 \\ 3x - 2y &= 11 \end{aligned}$$

10

$$\begin{aligned} 3x + 2y &= 13 \\ 2x + 3y &= 7 \end{aligned}$$