

**Outcome 1 - Simultaneous Equations**

Solve the following sets of equations by elimination...

1

$$\begin{aligned} 5x + y &= 33 \\ 2x + y &= 15 \end{aligned}$$

2

$$\begin{aligned} 8x + y &= 42 \\ 3x + y &= 17 \end{aligned}$$

3

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

4

$$\begin{aligned} 5x + y &= 18 \\ 2x + y &= 9 \end{aligned}$$

5

$$\begin{aligned} 8x + y &= 45 \\ 3x + y &= 20 \end{aligned}$$

6

$$\begin{aligned} 6x + y &= 32 \\ 3x + y &= 17 \end{aligned}$$

7

$$\begin{aligned} 5x + y &= 12 \\ 2x + y &= 6 \end{aligned}$$

8

$$\begin{aligned} 6x + y &= 15 \\ 2x + y &= 7 \end{aligned}$$

9

$$\begin{aligned} 2x + y &= 11 \\ x + y &= 6 \end{aligned}$$

10

$$\begin{aligned} 6x + y &= 33 \\ 2x + y &= 13 \end{aligned}$$