

**Outcome 1 - Simultaneous Equations**

Solve the following sets of equations by elimination...

1

$$\begin{aligned} 5x + y &= 20 \\ 3x - y &= 12 \end{aligned}$$

2

$$\begin{aligned} 4x + y &= 20 \\ 3x - y &= 8 \end{aligned}$$

3

$$\begin{aligned} 4x + y &= 17 \\ 5x - y &= 19 \end{aligned}$$

4

$$\begin{aligned} 3x + y &= 24 \\ 2x - y &= 6 \end{aligned}$$

5

$$\begin{aligned} 3x + y &= 16 \\ 6x - y &= 29 \end{aligned}$$

6

$$\begin{aligned} 7x + y &= 53 \\ 2x - y &= 1 \end{aligned}$$

7

$$\begin{aligned} 2x + y &= 8 \\ 4x - y &= 10 \end{aligned}$$

8

$$\begin{aligned} 2x + y &= 15 \\ 3x - y &= 10 \end{aligned}$$

9

$$\begin{aligned} 6x + y &= 32 \\ 2x - y &= 8 \end{aligned}$$

10

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