

(C1-3.1a) Name:

Homework Questions 1 – Simultaneous Equations by Elimination

Solve the following linear-linear simultaneous equations by the elimination method

1. $4x + y = 25$

$$4x - y = 23$$

2. $5m - 2p = 4$

$$3m - 2p = 0$$

3. $3x + 4y = 41$

$$4x - 5y = 3$$

$$\begin{array}{l} x = 6 \\ y = 1 \end{array}$$

4. $7x + 4y = -3$

$$3y - 2x = 5$$

$$\begin{array}{l} m = 2 \\ p = 3 \end{array}$$

5. $3x - 4y = 14$

$$5x + 3y = -54$$

$$\begin{array}{l} x = 7 \\ y = 5 \end{array}$$

$$\begin{array}{l} x = -1 \\ y = 1 \end{array}$$

$$\begin{array}{l} x = -6 \\ y = -8 \end{array}$$

