

Q1 Solve the simultaneous equations

$$4x - 3y = 18$$

$$3y + 5x = 9$$

$$x = \dots\dots\text{ and } y = \dots\dots$$

Q2 Solve the simultaneous equations

$$6x + 2y = 15$$

$$2x - 2y = -3$$

$$x = \dots\dots\text{ and } y = \dots\dots$$

Q3 Solve the simultaneous equations

$$3x + 2y = 9$$

$$6x - 4y = 6$$

$$x = \dots\dots\text{ and } y = \dots\dots$$

Ans Q1: $x = 3$ and $y = -2$ Q2: $x = 1.5$ and $y = 3$ Q3: $x = 2$ and $y = 1.5$ Q4: $x = -1$ and $y = 5$ Q5: $x = 2.5$ and $y = 1$ Q6: $x = -3$ and $y = 4$

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Q4 Solve the simultaneous equations

$$2x + 3y = 13$$

$$4x + 7y = 31$$

$$x = \dots\dots\text{ and } y = \dots\dots$$

Q5 Solve the simultaneous equations

$$2x + 5y = 10$$

$$2x - 3y = 2$$

$$\dots\dots\dots\dots\dots$$

Q6 Solve the simultaneous equations

$$x + 2y = 5$$

$$2y - 5x = 23$$

$$\dots\dots\dots\dots\dots$$

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$$x + 2y = 5$$

$$2y - 5x = 23$$

$$\dots\dots\dots\dots\dots$$