

Simultaneous Equations

Question Paper

Level	GCSE
Subject	Maths
Exam Board	Edexcel GCSE
Topic	Simultaneous Equations
Grade Level	Grade 5
Booklet	Question Paper

Time Allowed: 34 minutes

Score: /28

Percentage: /100

Grade Boundaries:

1. Solve the simultaneous equations

$$3x + 2y = 4$$

$$4x + 5y = 17$$

$x = \dots\dots\dots$

$y = \dots\dots\dots$

(4 marks)



2. Solve the equations

$$3x + 5y = 19$$

$$4x - 2y = -18$$

$x = \dots\dots\dots$

$y = \dots\dots\dots$

(4 marks)

3. Solve the simultaneous equations

$$3x + 4y = 200$$

$$2x + 3y = 144$$

$x = \dots\dots\dots$

$y = \dots\dots\dots$

(4 marks)

4. Solve the simultaneous equations

$$5x + 2y = 11$$

$$4x - 3y = 18$$

$x =$

$y =$

(4 marks)

5. Solve the simultaneous equations

$$\begin{aligned}4x - 3y &= 11 \\10x + 2y &= -1\end{aligned}$$

$x = \dots\dots\dots$

$y = \dots\dots\dots$

(4 marks)

6. Solve the simultaneous equations

$$3x + 7y = 26$$

$$4x + 5y = 13$$

$$x = \dots\dots\dots$$

$$y = \dots\dots\dots$$

(4 marks)

7. Solve the simultaneous equations

$$6x - 2y = 33$$

$$4x + 3y = 9$$

$$x = \dots\dots\dots$$

$$y = \dots\dots\dots$$

(4 marks)
