Name: _____

GCSE (1 - 9) Simultaneous Equations	Solutions:

These questions are compiled from *released* Pearson Edexcel GCSE maths exam papers
They contain exam questions from up until the ***Summer 2023*** exam series
More recent exam papers do exist but are withheld for mock exams
As new exam papers are released these worksheets will gradually be updated
The ***most current*** version of these worksheets will always be available at: kennethstafford.co.uk

Question	Where the question appeared
1	Edexcel, GCSE, Autumn 2017, Paper 3F, Q27
2	Edexcel, GCSE, Autumn 2018, Paper 1F, Q25
3	Edexcel, GCSE, Summer 2017, Paper 3F, Q16
4	Edexcel, GCSE, Summer 2019, Paper 3F, Q30
5	Edexcel, GCSE, Summer 2022, Paper 2F, Q28

1

Solve the simultaneous equations

$$x + 3y = 12$$
$$5x - y = 4$$

$x =$ .....

$y =$ .....

(Total for Question 27 is 3 marks)

[Edexcel, GCSE, Autumn 2017, Paper 3F, Q27]

2

Solve the simultaneous equations

$$5x + y = 21$$
$$x - 3y = 9$$

$x =$ .....

$y =$ .....

(Total for Question 25 is 3 marks)

[Edexcel, GCSE, Autumn 2018, Paper 1F, Q25]

3

Solve the simultaneous equations

$$3x + y = -4$$
$$3x - 4y = 6$$

$x =$ .....

$y =$ .....

(Total for Question 16 is 3 marks)

[Edexcel, GCSE, Summer 2017, Paper 3F, Q16]

4

Solve the simultaneous equations

$$3x - 4y = 11$$
$$9x + 2y = 5$$

$x =$ .....

$y =$ .....

(Total for Question 30 is 3 marks)

[Edexcel, GCSE, Summer 2019, Paper 3F, Q30]

5

Solve the simultaneous equations

$$5x + 2y = 27$$

$$6x + 4y = 28$$

$x =$ .....

$y =$ .....

(Total for Question 28 is 3 marks)

[Edexcel, GCSE, Summer 2022, Paper 2F, Q28]