

Phone: +442081445350

www.chemistryonlinetuition.com

Emil:asherrana@chemistryonlinetuition.com

PURE MATH

ALGEBRA AND FUNCTION

Level & Board	EDEXCEL (A-LEVEL)
TOPIC:	SIMULTANEOUS
PAPER TYPE:	QUESTION PAPER 5
TOTAL QUESTIONS	8
TOTAL MARKS	38

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Simultaneous 5

Questions

Q1.

Use elimination to solve the simultaneous equations

$$3s + 4r = 9$$
$$-s + 5r = 1$$

(3) S(Total for question = 3 marks)

Q2 .

Solve the simultaneous equations

3x + y = 25x - y = 20

(4) (Total for question = 4 marks)

Q3.

Solve the simultaneous 3x + y = 25x - y = 20

> (4) (Total for question = 4 marks)



Q4.

Use the elimination method to solve the simultaneous equations

$$3x + 17y = 3$$
$$x - y = 7$$

(4) (Total for question = 4 marks)

Q5.

Solve algebraically the simultaneous equations.

$$x + y = 3$$
$$2x - y = 1$$

(5) (Total for question = 5 marks)



Solve the simultaneous equations m + 5p = 1-m + p = 9

(5)

(Total for question = 5 marks)

Q7. solve the simultaneous equations

$$l + m = 3$$
$$3l - m = 4$$

(5) (Total for question = 5 marks)

Q8.

Solve the simultaneous equations x + 5y = 3x - y = 1

(4)

(Total for question = 4 marks)



DR. ASHAR RANA

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CONTACT INFORMATION FOR CHEMISTRY ONLINE TUITION

- UK Contact: 02081445350
- International Phone/WhatsApp: 00442081445350
- Website: www.chemistryonlinetuition.com
- Email: asherrana@chemistryonlinetuition.com

Address: 210-Old Brompton Road, London SW5 OBS, UK