Name:

GCSE (1 – 9)

Solving Simultaneous Equations Graphically

Instructions

- Use **black** ink or ball-point pen.
- Answer all Questions.
- Answer the Questions in the spaces provided
- there may be more space than you need.
- Diagrams are NOT accurately drawn, unless otherwise indicated.
- You must show all your working out.

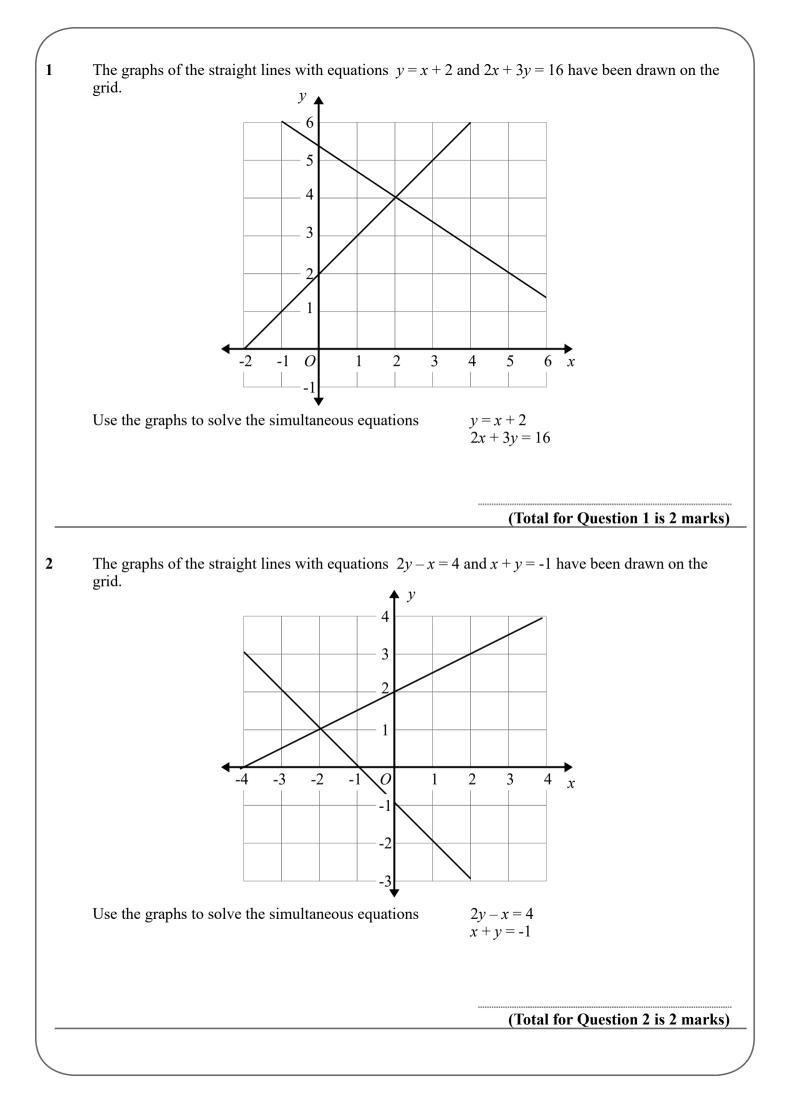
Information

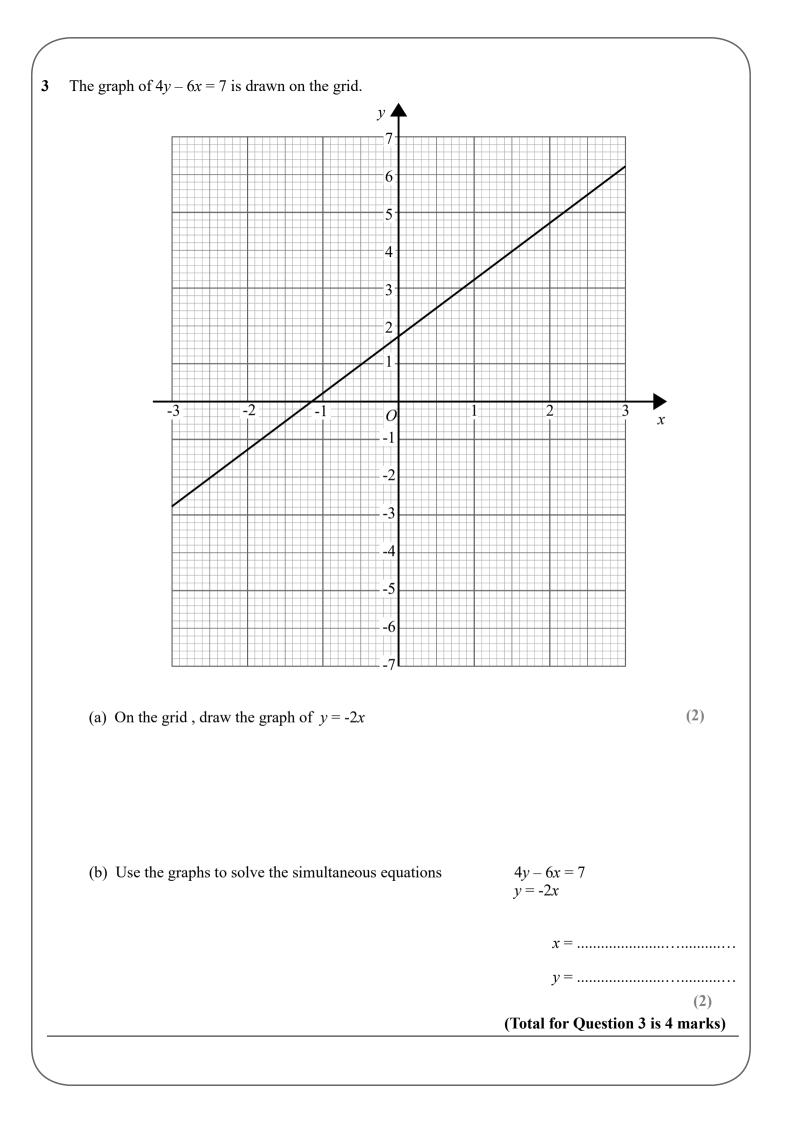
- The marks for each Question are shown in brackets
- use this as a guide as to how much time to spend on each Question.

Advice

- Read each Question carefully before you start to answer it.
- Keep an eye on the time.
- Try to answer every Question.
- Check your answers if you have time at the end

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| 4 | The diagram shows two straight lines. The equation of the lines are $y = 4x - 5$ and $y = 2x + 1$ Work out the coordinates of the point where the line intersect. | |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| 5 | The diagram shows two straight lines. The equation of the lines are $y = 2x + 3$ and $y = -\frac{2}{3}x + 1$ Work out the coordinates of the point where the line intersect. | (Total for Question 4 is 3 marks) |
| | | (Total for Question 5 is 3 marks) |