

Name: _____

GCSE (1 – 9)

Coordinates

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.**

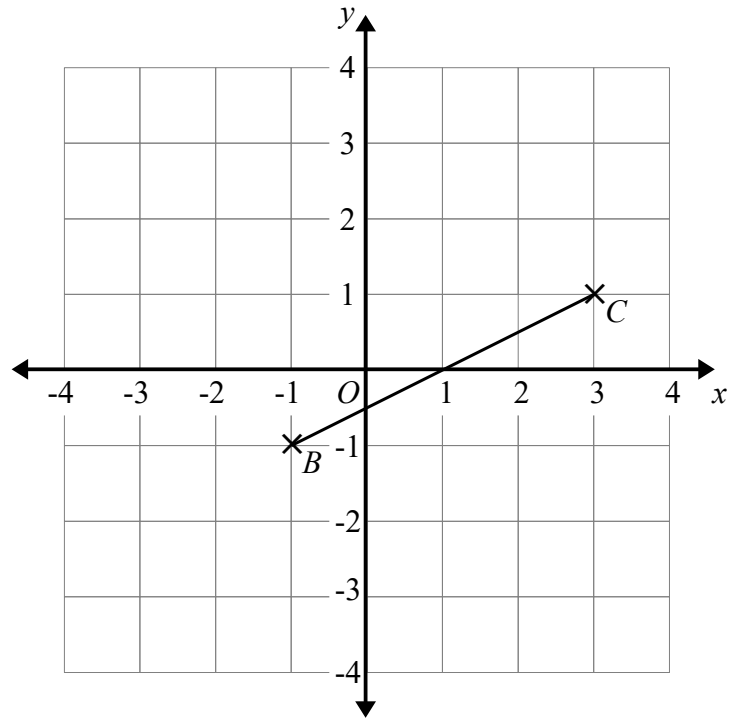
Information

- 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

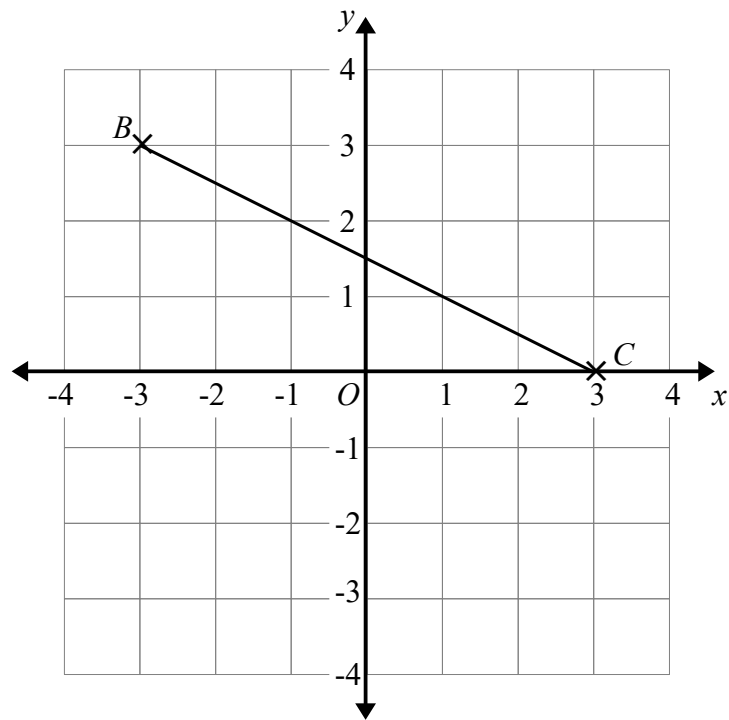
1



- (a) Plot the point with coordinates (1, 3).
Label this point *A*. (1)
- (b) Write down the coordinates of the midpoint of *BC*. (.....,)
(1)

(Total for question 1 is 2 marks)

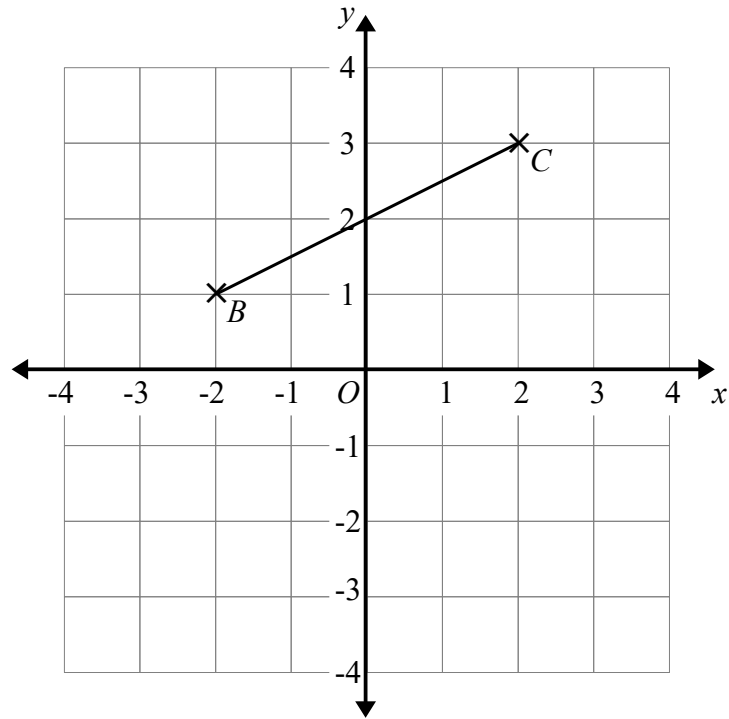
2



- (a) Plot the point with coordinates (-2, -3).
Label this point *A*. (1)
- (b) Write down the coordinates of the midpoint of *BC*. (.....,)
(1)

(Total for question 2 is 2 marks)

3

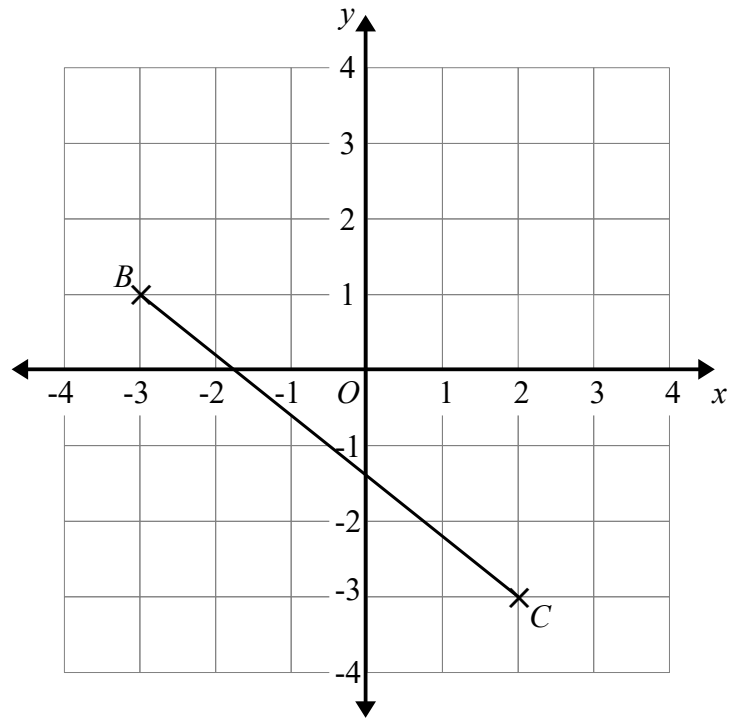


(a) Plot the point with coordinates $(-1, 4)$.
Label this point *A*. (1)

(b) Write down the coordinates of the midpoint of *BC*. (.....,)
(1)

(Total for question 3 is 2 marks)

4

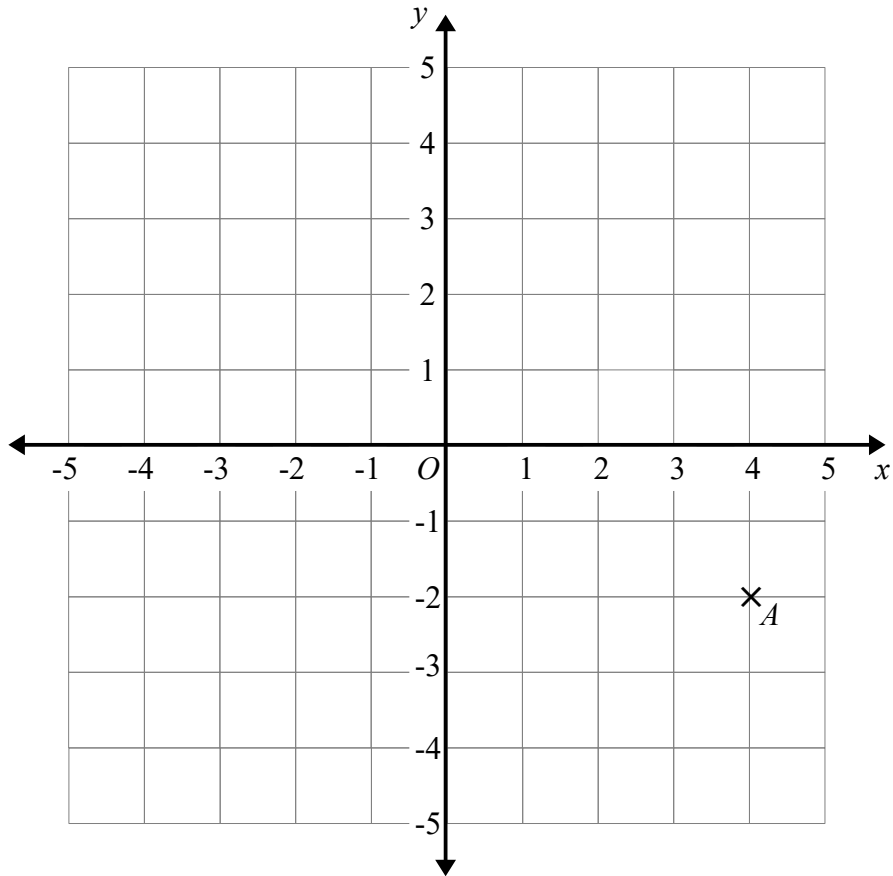


(a) Plot the point with coordinates $(3, -1)$.
Label this point *A*. (1)

(b) Write down the coordinates of the midpoint of *BC*. (.....,)
(1)

(Total for question 4 is 2 marks)

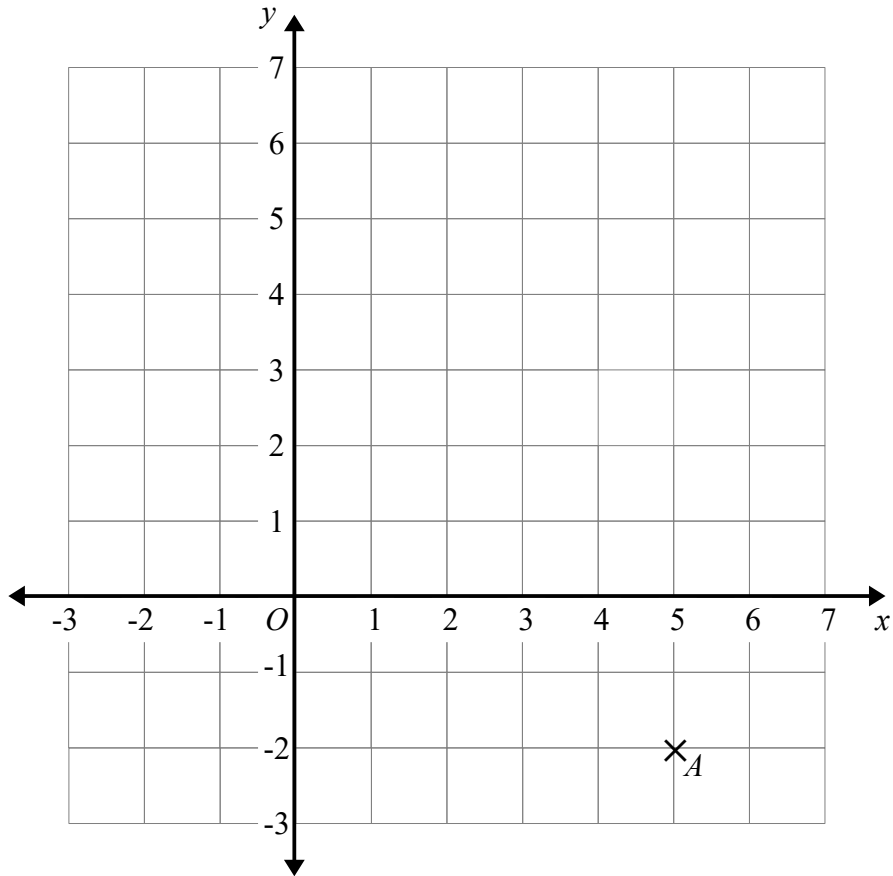
5



- (a) Write down the coordinates of point A . (.....,)
(1)
- (b) On the grid mark with a cross (\times) the point $(4, 3)$.
Label this point B . (1)
- (c) On the grid, draw the line with equation $x = -1$ (1)

(Total for question 5 is 3 marks)

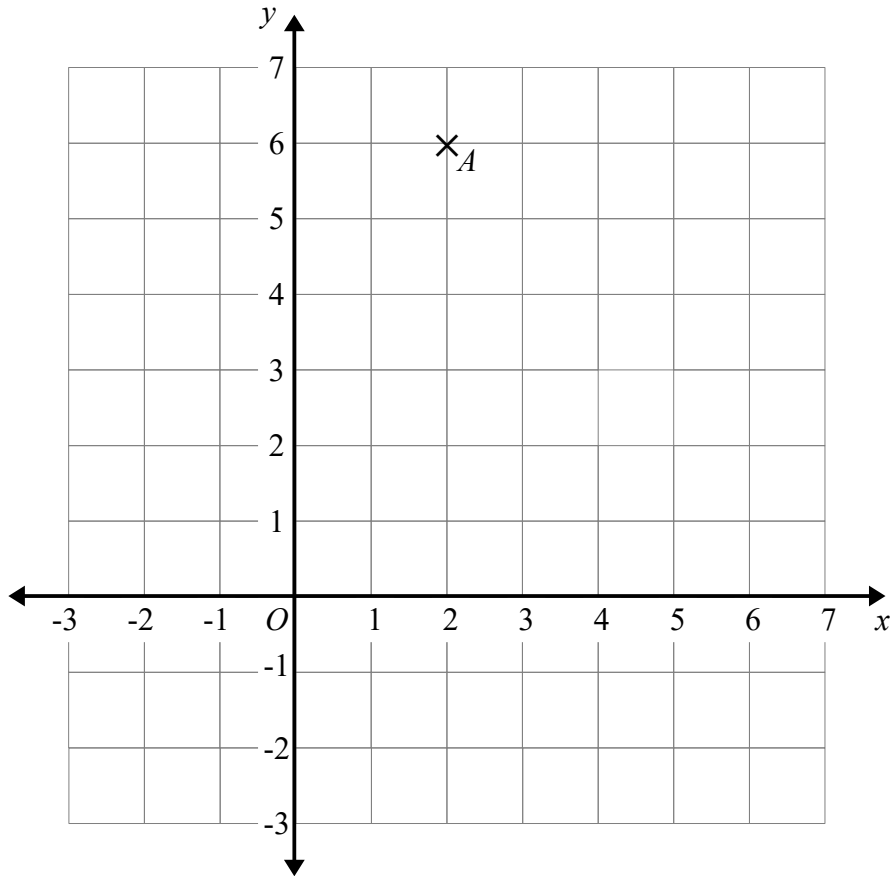
6



- (a) Write down the coordinates of point A . (.....,)
(1)
- (b) On the grid mark with a cross (\times) the point $(-1, 3)$.
Label this point B . (1)
- (c) On the grid, draw the line with equation $y = 6$ (1)

(Total for question 6 is 3 marks)

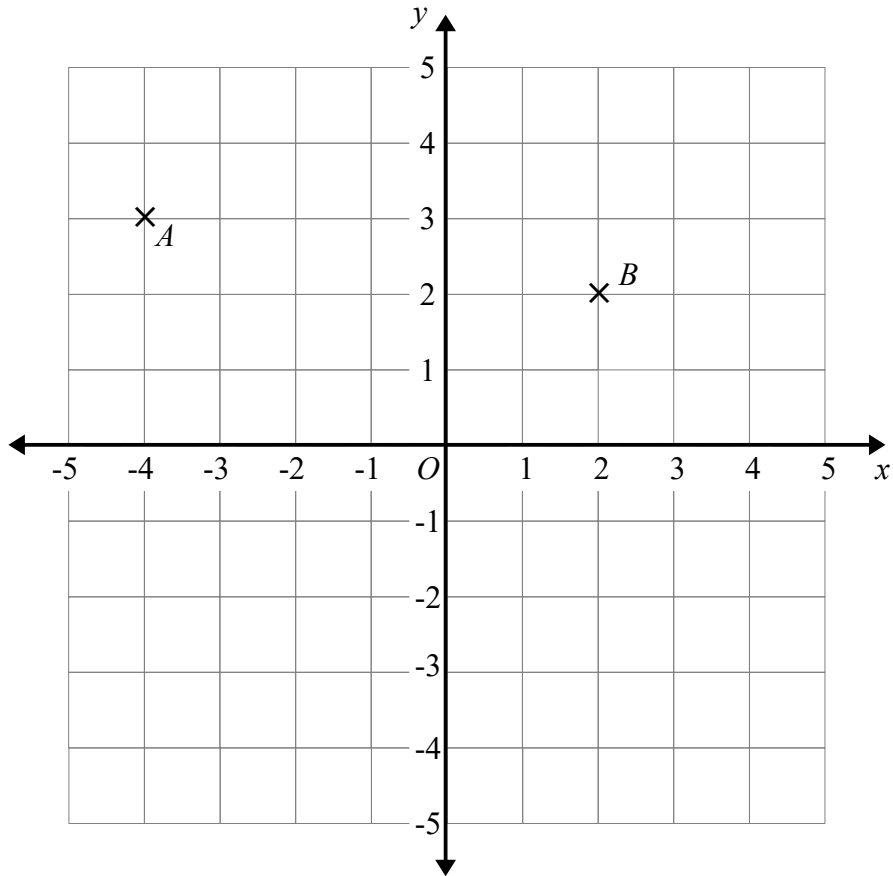
7



- (a) Write down the coordinates of point A . (.....,)
(1)
- (b) On the grid mark with a cross (\times) the point $(5, -1)$.
Label this point B . (1)
- (c) On the grid, draw the line with equation $x = 3$ (1)

(Total for question 7 is 3 marks)

8



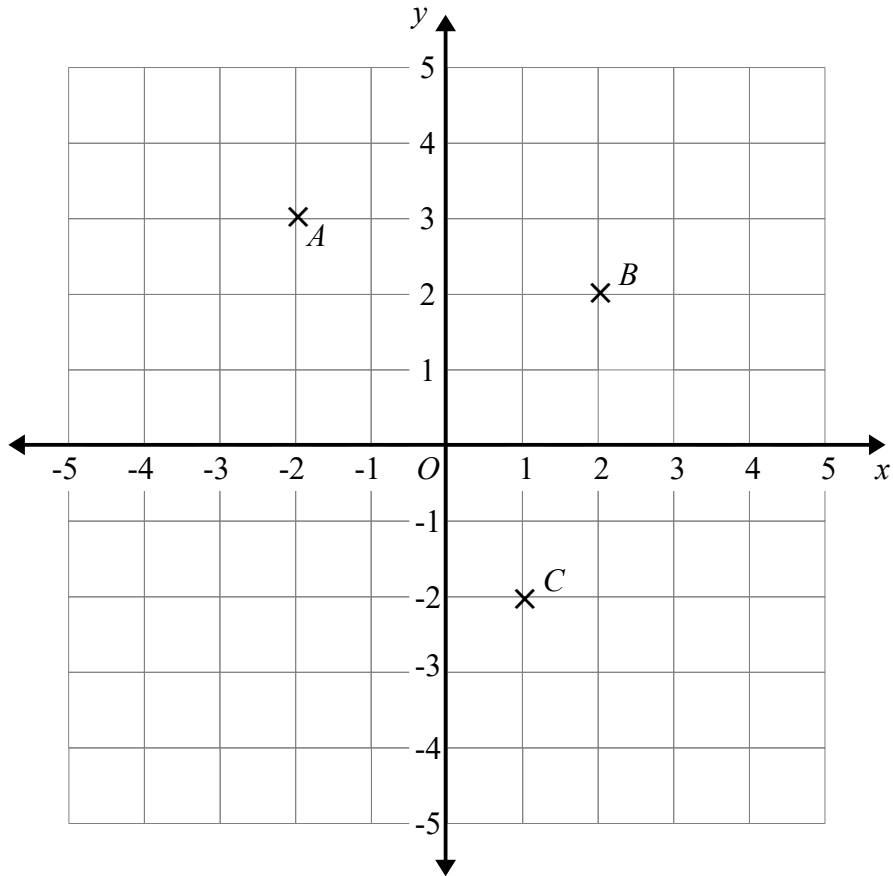
(a) Write down the coordinates of point A . (.....,)
(1)

(b) Find the coordinates of the midpoint of AB . (.....,)
(1)

(c) On the grid mark with a cross (\times) the point $(1, -2)$.
Label this point C . (1)

(Total for question 8 is 3 marks)

9



(a) Write down the coordinates of point C. (.....,)
(1)

(b) Find the coordinates of the midpoint of AB . (.....,)
(1)

$ABCD$ is a square.

(c) On the grid mark with a cross (\times) the point D so that $ABCD$ is a square. (1)

(Total for question 9 is 3 marks)
