

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.**

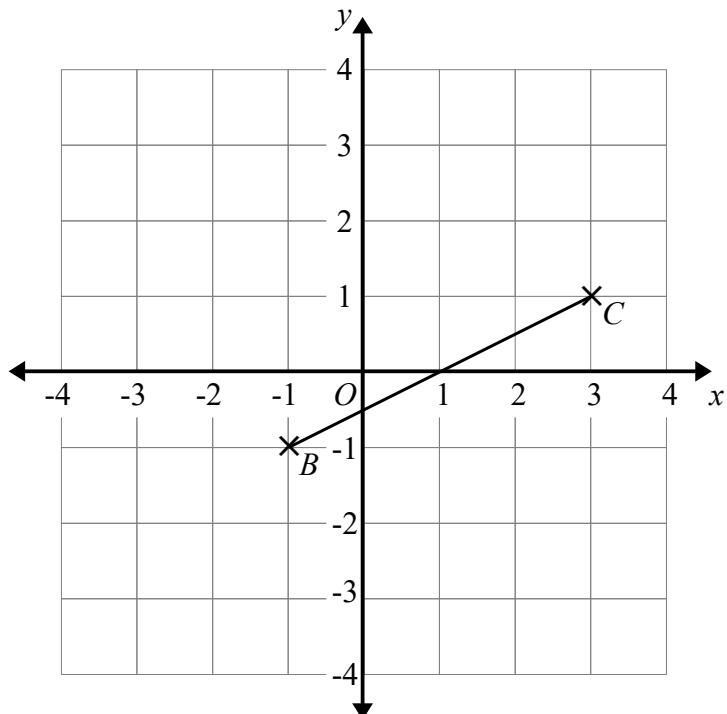
### Information

- 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)

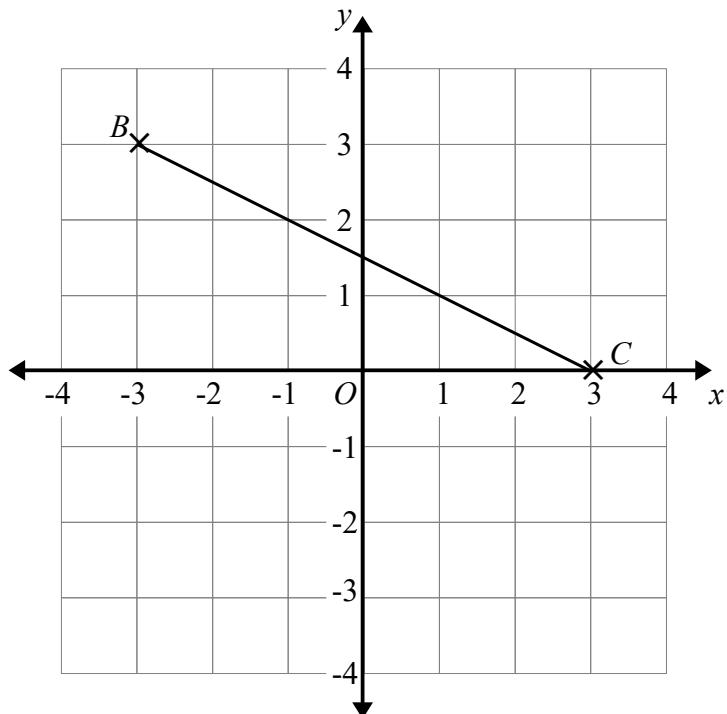
- (b) Write down the coordinates of the midpoint of  $BC$ .

(....., ....)

(1)

**(Total for question 1 is 2 marks)**

2



- (a) Plot the point with coordinates  $(-2, -3)$ .

Label this point  $A$ .

(1)

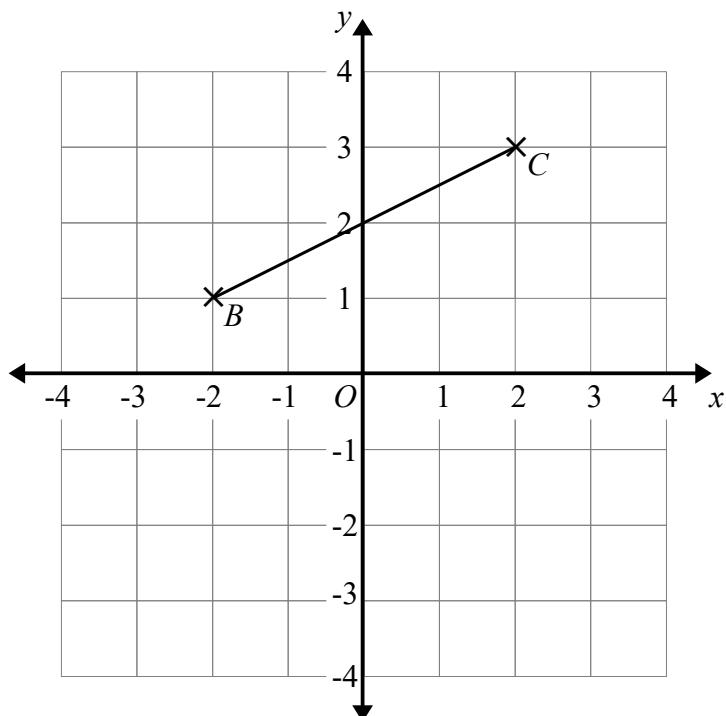
- (b) Write down the coordinates of the midpoint of  $BC$ .

(....., ....)

(1)

**(Total for question 2 is 2 marks)**

3



- (a) Plot the point with coordinates  $(-1, 4)$ .

Label this point  $A$ .

(1)

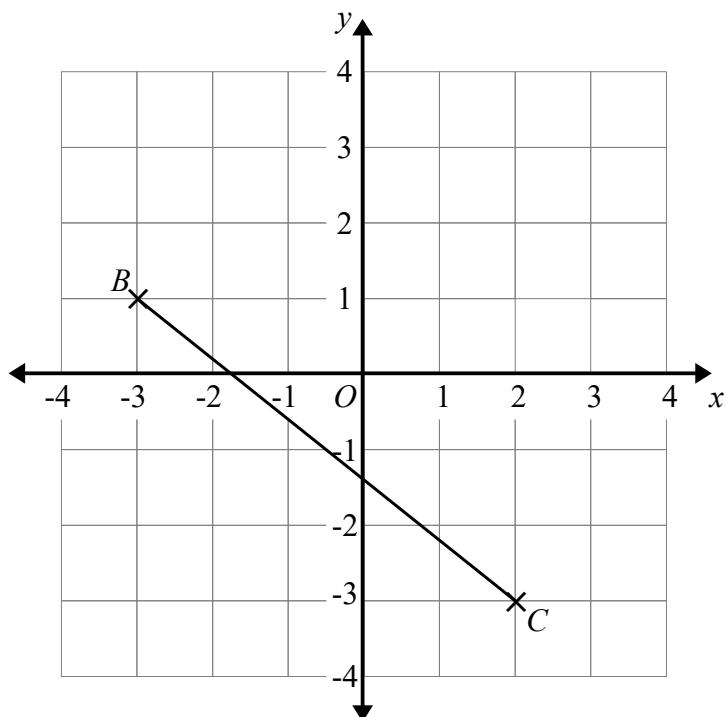
- (b) Write down the coordinates of the midpoint of  $BC$ .

(....., ....)

(1)

**(Total for question 3 is 2 marks)**

4



- (a) Plot the point with coordinates  $(3, -1)$ .

Label this point  $A$ .

(1)

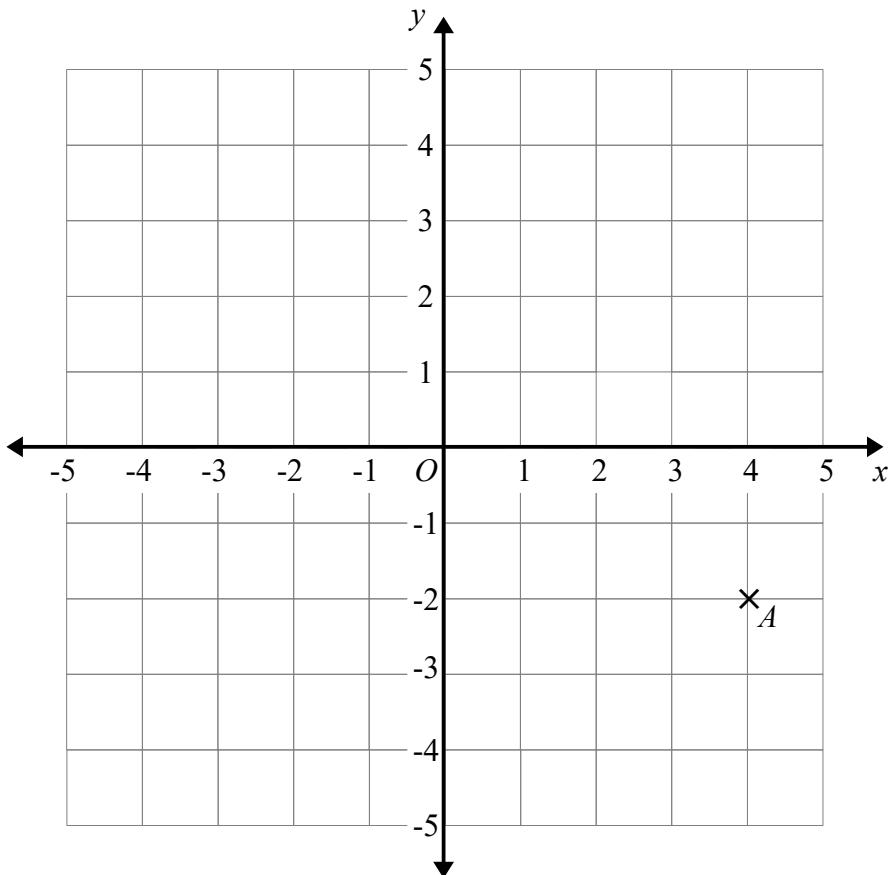
- (b) Write down the coordinates of the midpoint of  $BC$ .

(....., ....)

(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.

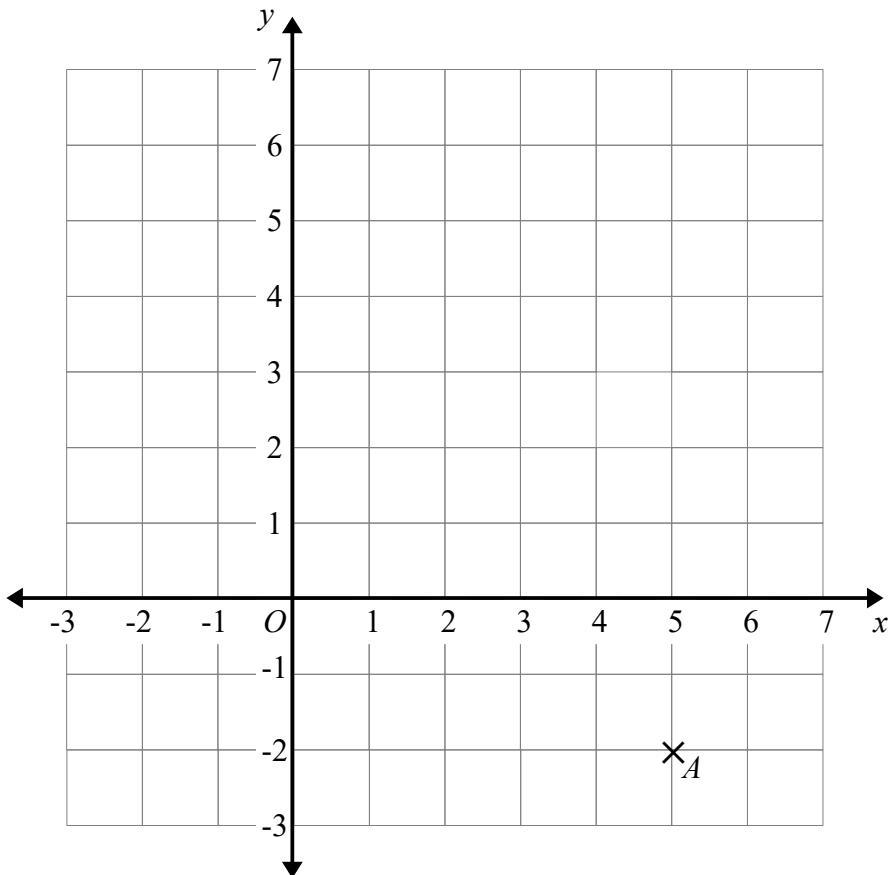
(1)

(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.

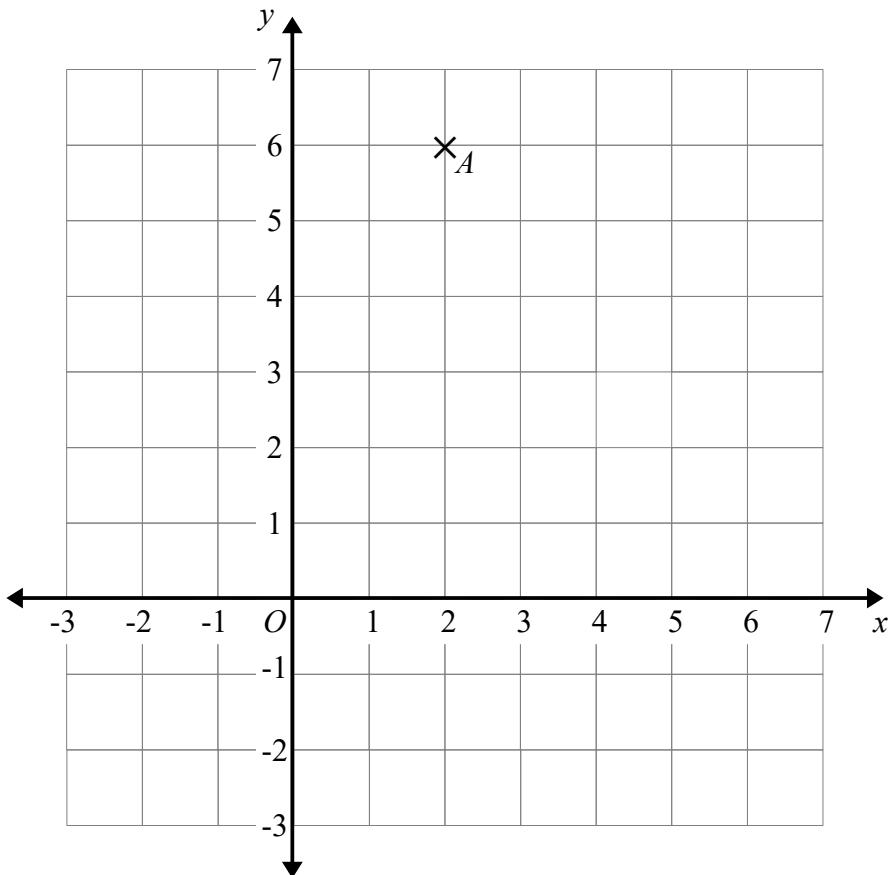
(1)

(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.

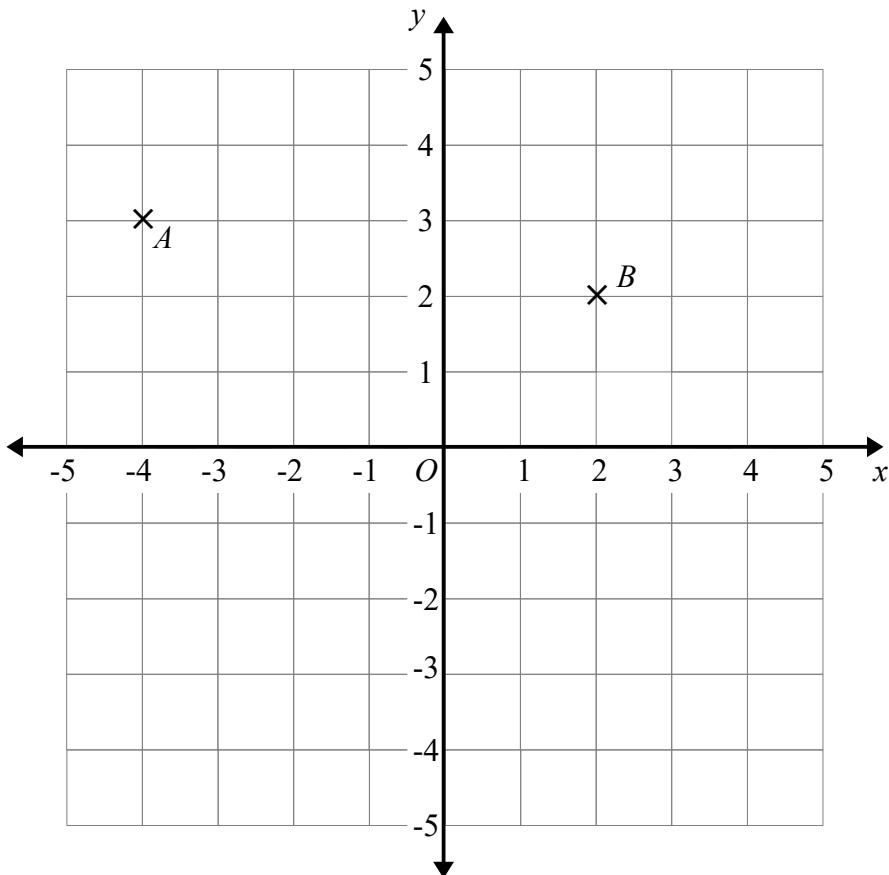
(1)

(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)

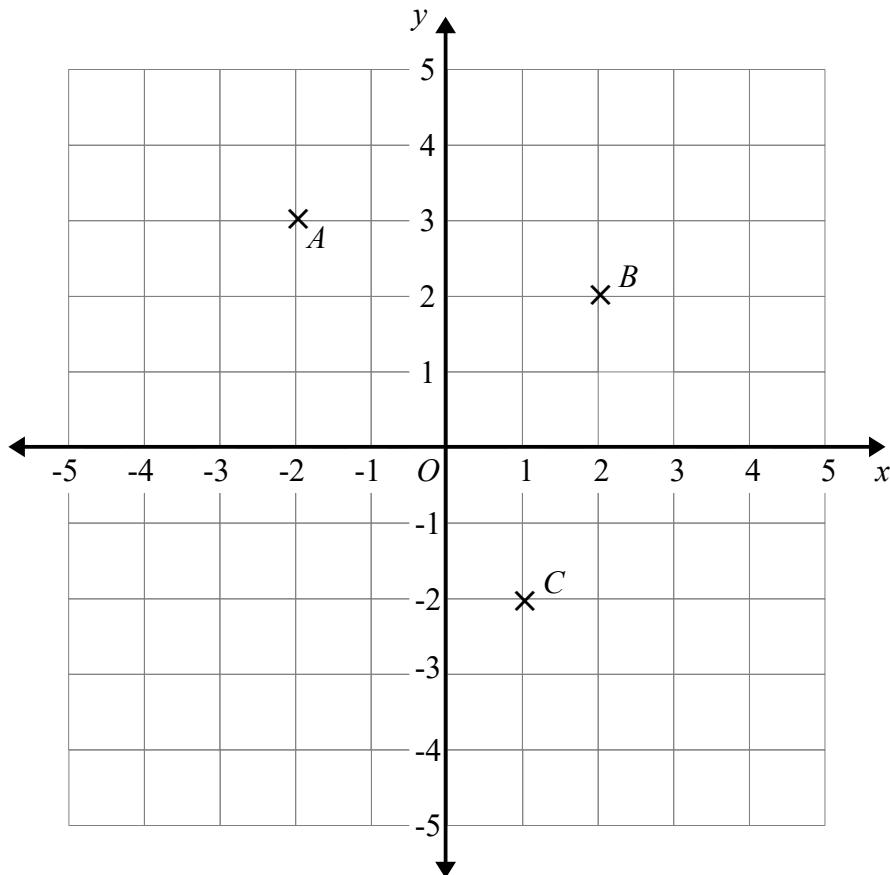
(c) On the grid mark with a cross ( $\times$ ) the point  $(1, -2)$ .

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 (X) the point  $D$  so that  $ABCD$  is a square.

(1)

**(Total for question 9 is 3 marks)**