



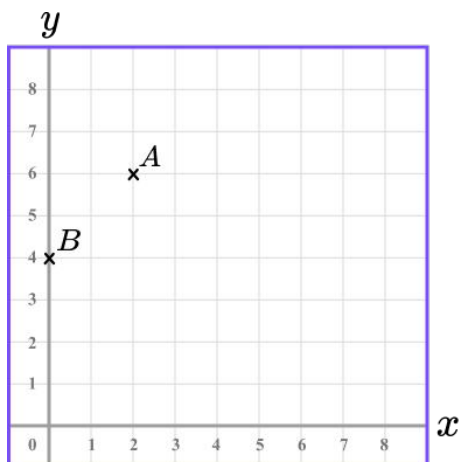
THIRD SPACE  
LEARNING

# GCSE Exam Questions

Coordinates | Algebra

## GCSE Exam Questions: Coordinates

- 1) Below is a set of coordinate axes:



- (a) Write down the coordinates of the point  $A$ .

-----  
(1)

- (b) Write down the coordinates of the point  $B$ .

-----  
(1)

- (c) On the grid, mark the point  $(5, 3)$ . Label it with the letter  $C$ .

(1)

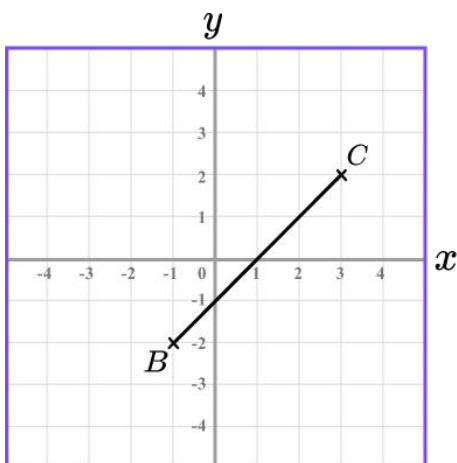
- (d) On the grid, mark the point  $(2, 0)$ . Label it with the letter  $D$ .

(1)

(4 marks)

## GCSE Exam Questions: Coordinates

- 2) Below is a set of coordinate axes:



- (a) Plot the point with coordinates (2, 4). Label this point A.

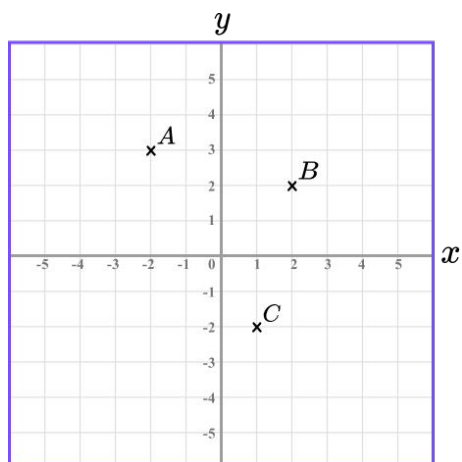
(1)

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

-----  
(1)  
(2 marks)

## GCSE Exam Questions: Coordinates

- 3) Below is a set of coordinate axes:



- (a) Write down the coordinates of point  $B$ .

-----  
(1)

- (b) Find the coordinates of the midpoint of  $AB$ .

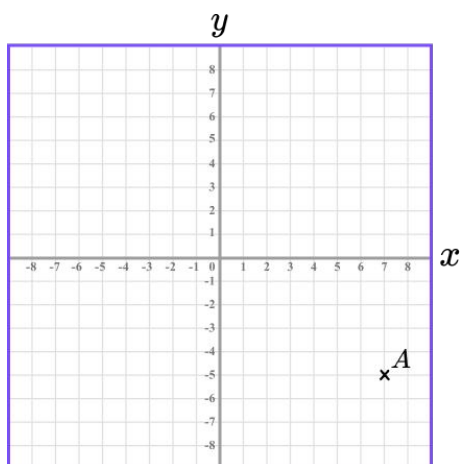
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(1)

- (c)  $ABCD$  is a square. On the grid mark with a cross (X) the point  $D$  so that  $ABCD$  is a square.

(1)  
(3 marks)

## GCSE Exam Questions: Coordinates

- 4) Below is a set of coordinate axes:



- (a) Write down the coordinates of point  $A$ .

-----  
(1)

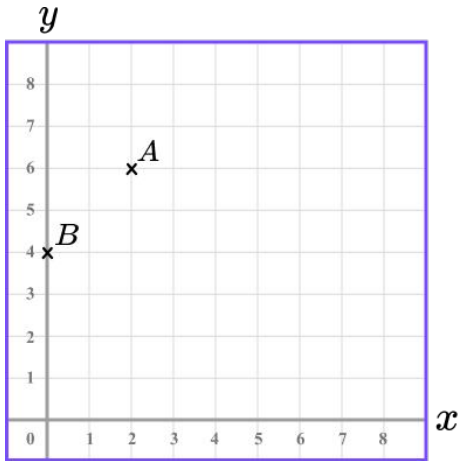
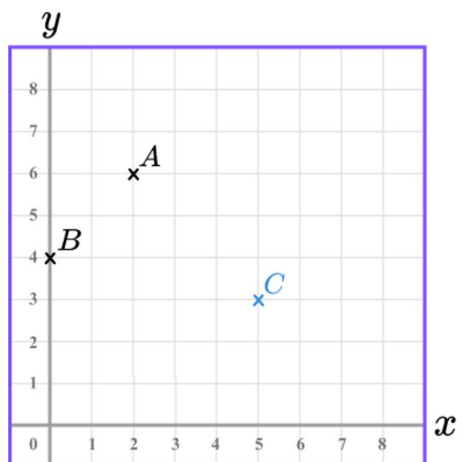
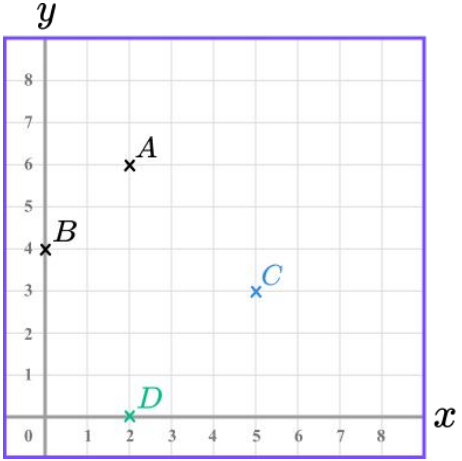
- (b) On the grid mark with a cross (X) the point  $(3, 5)$ . Label this point B.

(1)

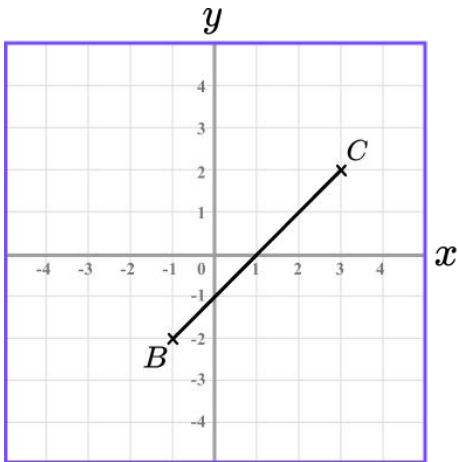
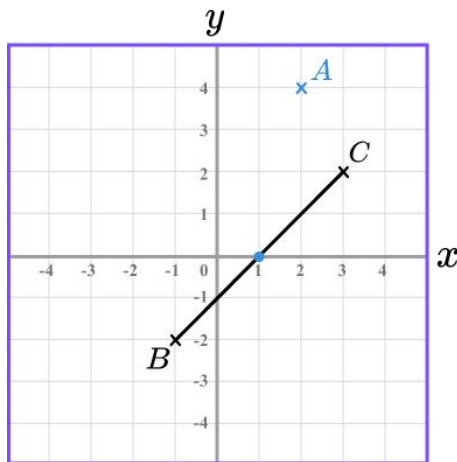
- (c) On the grid, draw the line with the equation  $x = 3$

(1)  
(3 marks)

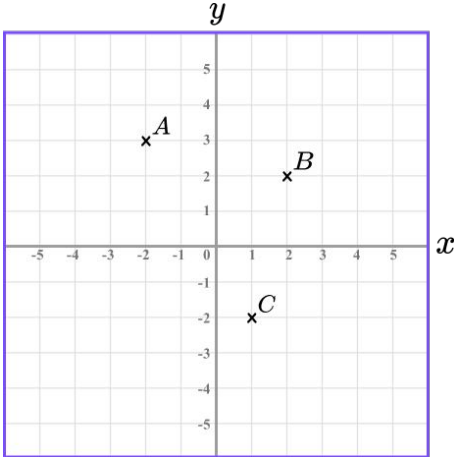
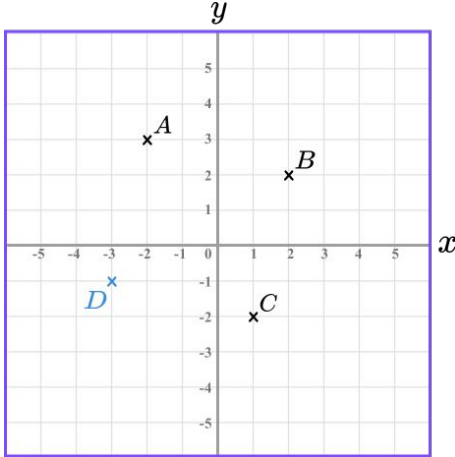
# GCSE Exam Questions: Coordinates Answers

	Question	Answer	Marks
<b>1)</b>	Below is a set of coordinate axes: 		
<b>(a)</b>	Write down the coordinates of the point $A$ .	<b>(a)</b> (2 , 6)	<b>(1)</b>
<b>(b)</b>	Write down the coordinates of the point $B$ .	<b>(b)</b> (0 , 4)	<b>(1)</b>
<b>(c)</b>	On the grid, mark the point (5 , 3). Label it with the letter $C$	<b>(c)</b> 	<b>(1)</b>
<b>(d)</b>	On the grid, mark the point (2 , 0). Label it with the letter $D$ .	<b>(d)</b> 	<b>(1)</b>

# GCSE Exam Questions: Coordinates Answers

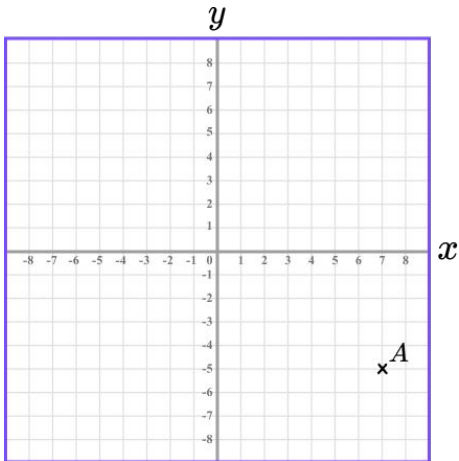
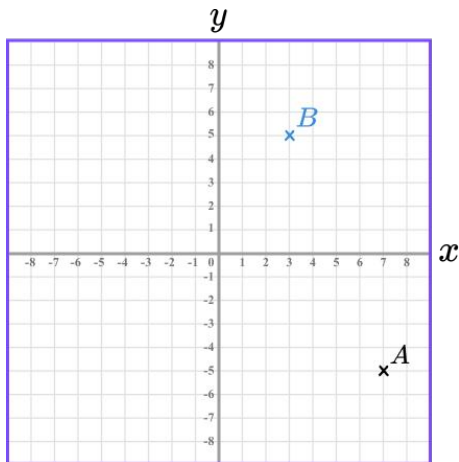
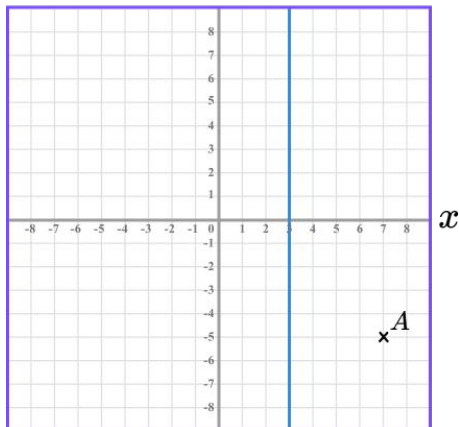
	Question	Answer	Marks
<b>2)</b>	<p>Below is a set of coordinate axes:</p> 		
<b>(a)</b>	<p>Plot the point with coordinates (2, 4). Label this point A.</p>	<p><b>(a)</b></p> 	<b>(1)</b>
<b>(b)</b>	<p>Write down the coordinates of the midpoint of <math>BC</math>.</p>	<b>(b)</b> (1 , 0)	<b>(1)</b>

# GCSE Exam Questions: Coordinates Answers

	Question	Answer	Marks
<b>3)</b>	Below is a set of coordinate axes: 		
<b>(a)</b>	Write down the coordinates of point $B$ .	<b>(a)</b> (2 , 2)	<b>(1)</b>
<b>(b)</b>	Find the coordinates of the midpoint of $AB$ .	<b>(b)</b> (0 , 2.5)	<b>(1)</b>
<b>(c)</b>	$ABCD$ is a square.  On the grid mark with a cross (X) the point $D$ so that $ABCD$ is a square.	<b>(c)</b> 	<b>(1)</b>



# GCSE Exam Questions: Coordinates Answers

	Question	Answer	Marks
<b>4)</b>	Below is a set of coordinate axes: 		
<b>(a)</b>	Write down the coordinates of point <i>A</i> .	<b>(a)</b> (7 , -5)	<b>(1)</b>
<b>(b)</b>	On the grid mark with across (X) the point (3 , 5). Label this point <i>B</i> .	<b>(b)</b> 	<b>(1)</b>
<b>(c)</b>	On the grid, draw the line with the equation $x = 3$	<b>(c)</b> 	<b>(1)</b>

# Where to go next?

For more diagnostic questions, and GCSE maths revision resources and worksheets to support students in fixing any misconceptions take a look at the free Third Space Learning [GCSE maths revision](#) pages.

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