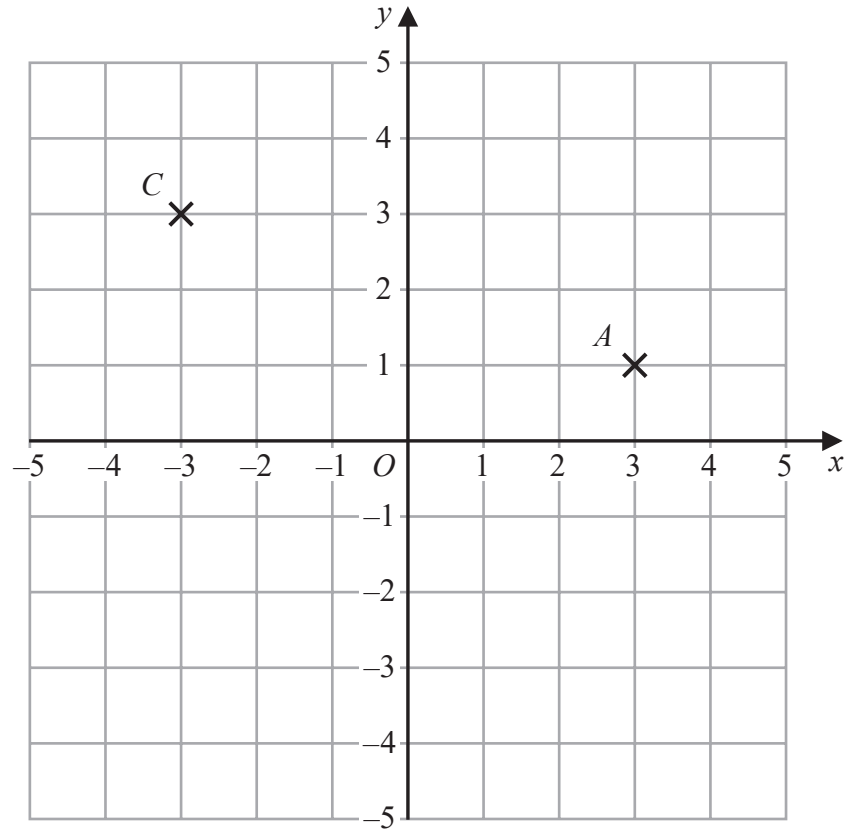


Coordinates



(a) Write down the coordinates of point A .

(.....,)
(1)

(b) On the grid, mark with a cross (\times) the point $(3, -4)$
Label this point B .

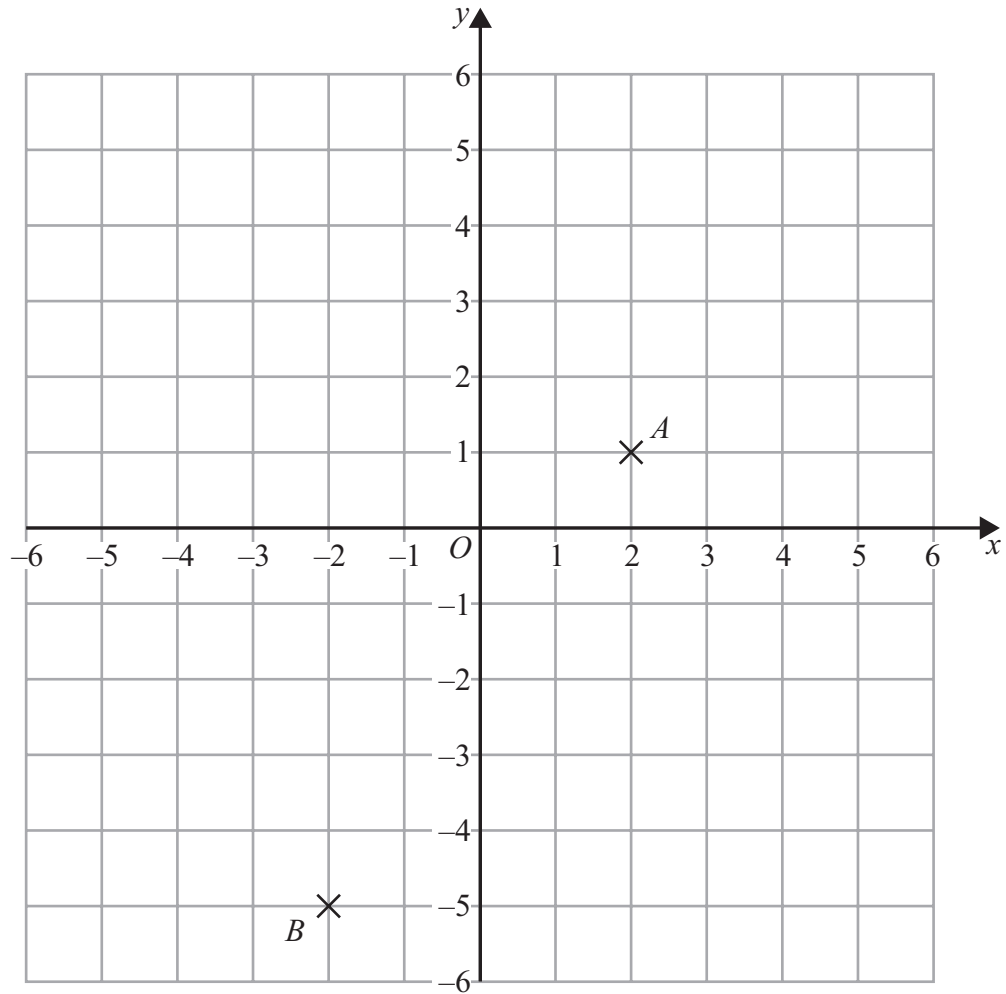
(1)

(c) Write down the coordinates of the midpoint of AC .

(.....,)
(1)

(Total for Question 8 is 3 marks)

8 The points A and B are shown on the grid.



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

(.....,)
(1)

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

(.....,)
(2)

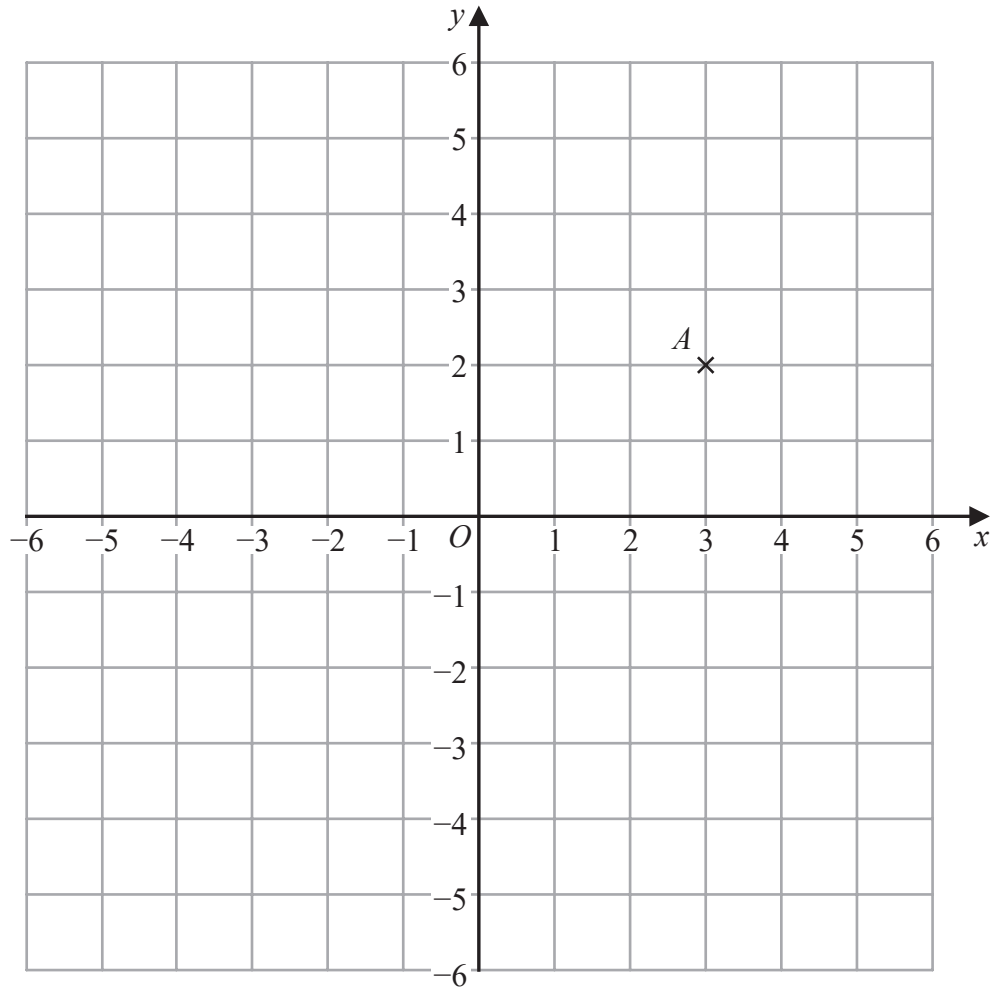
(c) On the grid, mark with a cross (\times) the point with coordinates $(-4, 2)$
Label this point C .

(1)

(Total for Question 8 is 4 marks)

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8 Here is a centimetre grid.



(a) Write down the coordinates of point A .

(..... ,)
(1)

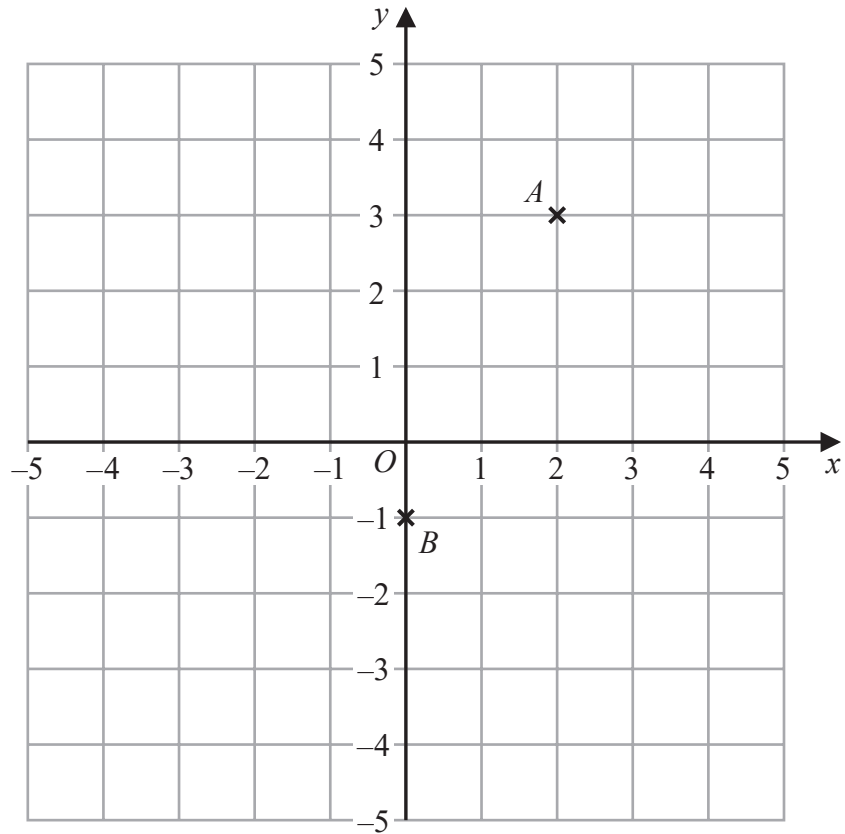
(b) On the grid, mark with a cross (\times) the point with coordinates $(-4, 3)$
Label this point B .

(1)

(c) On the grid, draw the circle with
centre $(1, -1)$
and radius 4 cm.

(2)

(Total for Question 8 is 4 marks)



(a) Write down the coordinates of the point *A*.

(.....,)
(1)

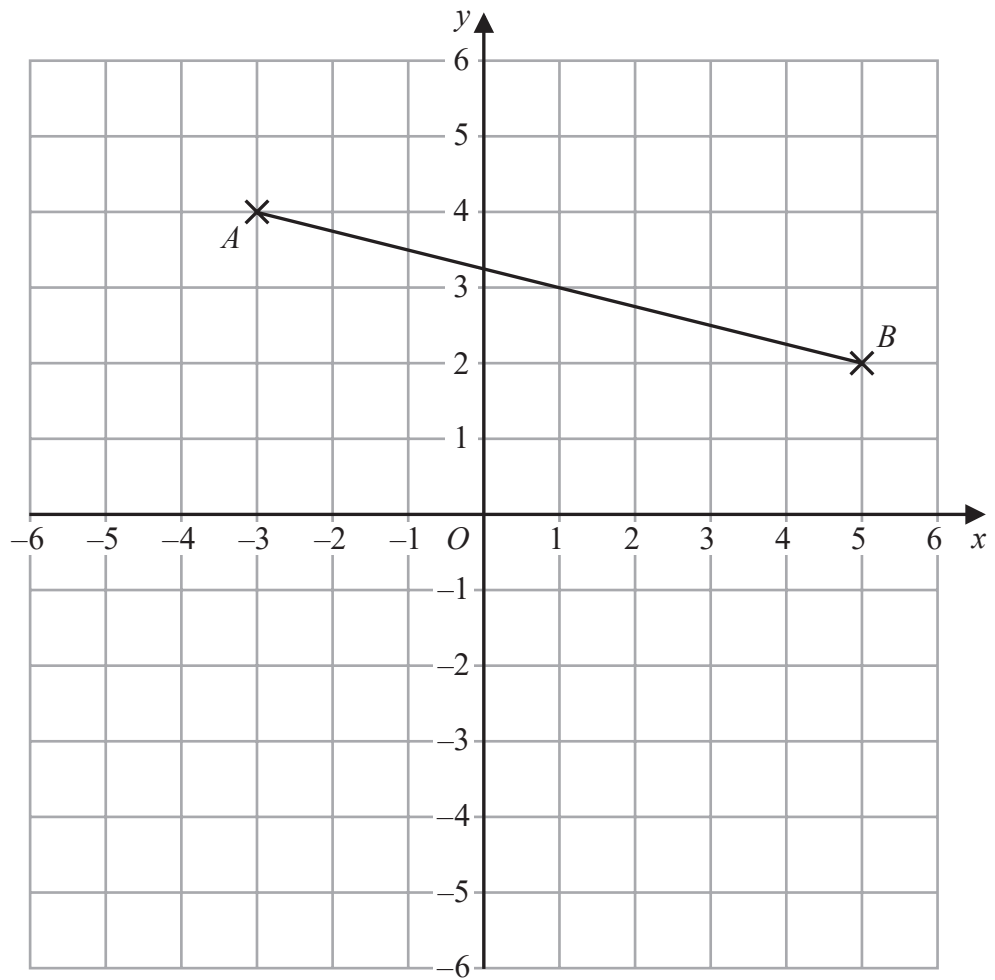
(b) Write down the coordinates of the point *B*.

(.....,)
(1)

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

(1)

(Total for Question 8 is 3 marks)



(a) Write down the coordinates of point B.

(.....,)
(1)

(b) Plot the point with coordinates (4, -2)
Label this point C.

(1)

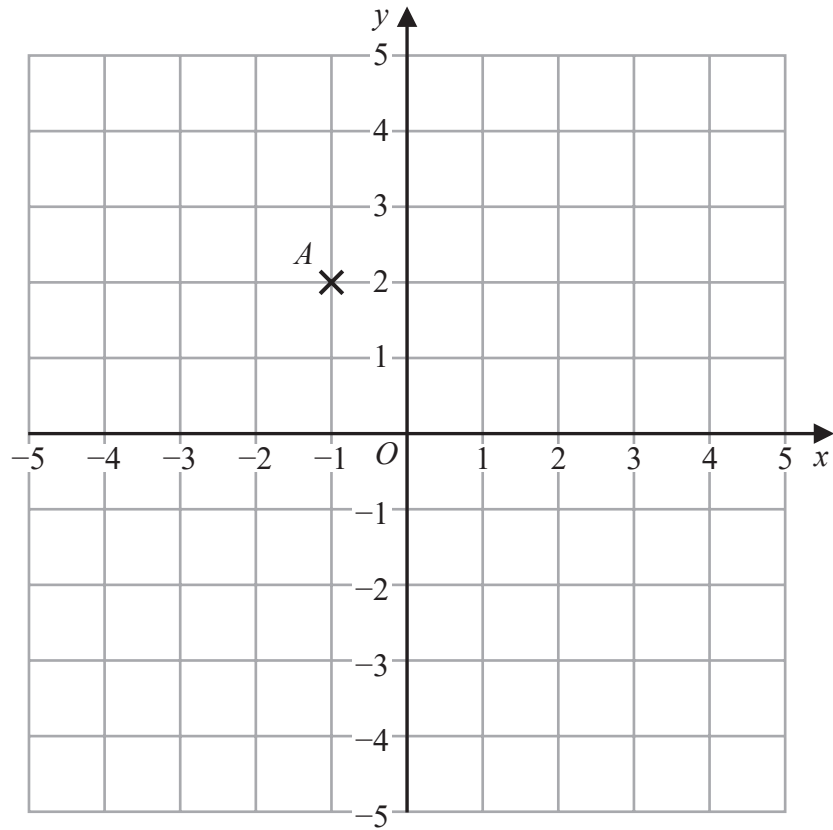
(c) Write down the coordinates of the midpoint of AB.

(.....,)
(1)

(d) Draw the line with equation $y = -4$

(1)

(Total for Question 9 is 4 marks)



(a) Write down the coordinates of point *A*.

(..... ,)
(1)

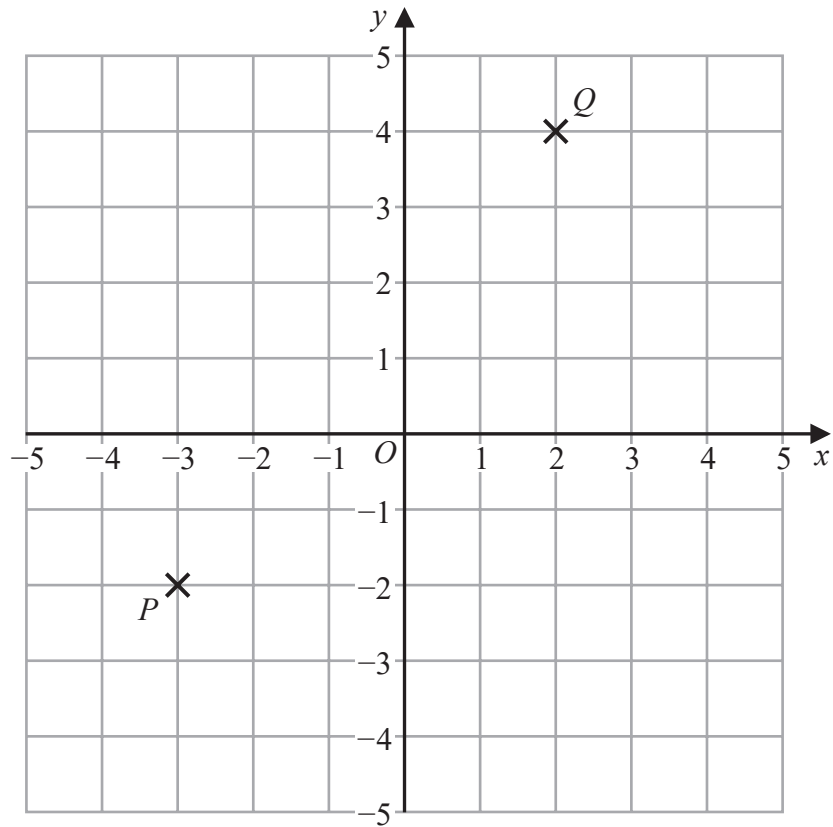
(b) On the grid, mark with a cross (×) the point (1, 4)
Label this point *B*.

(1)

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

(1)

(Total for Question 9 is 3 marks)



Find the coordinates of the midpoint of PQ .

(..... ,)

(Total for Question 15 is 2 marks)

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25 The points L , M and N are such that LMN is a straight line.

The coordinates of L are $(-3, 1)$

The coordinates of M are $(4, 9)$

Given that $LM : MN = 2 : 3$,

find the coordinates of N .

(..... ,)

(Total for Question 25 is 4 marks)