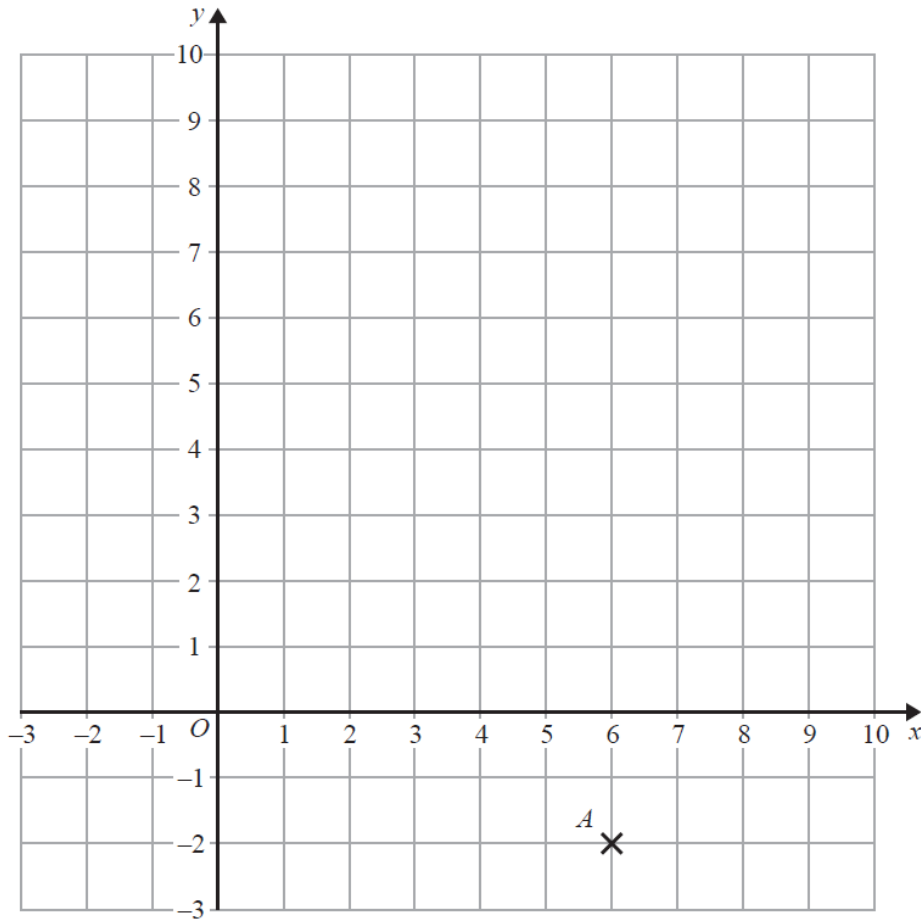


1



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

(.....,)
(1)

(b) (i) Plot the point with coordinates (2, 9).
Label this point *B*.

(1)

(ii) Does point *B* lie on the straight line with equation $y = 4x + 1$?
You must show how you get your answer.

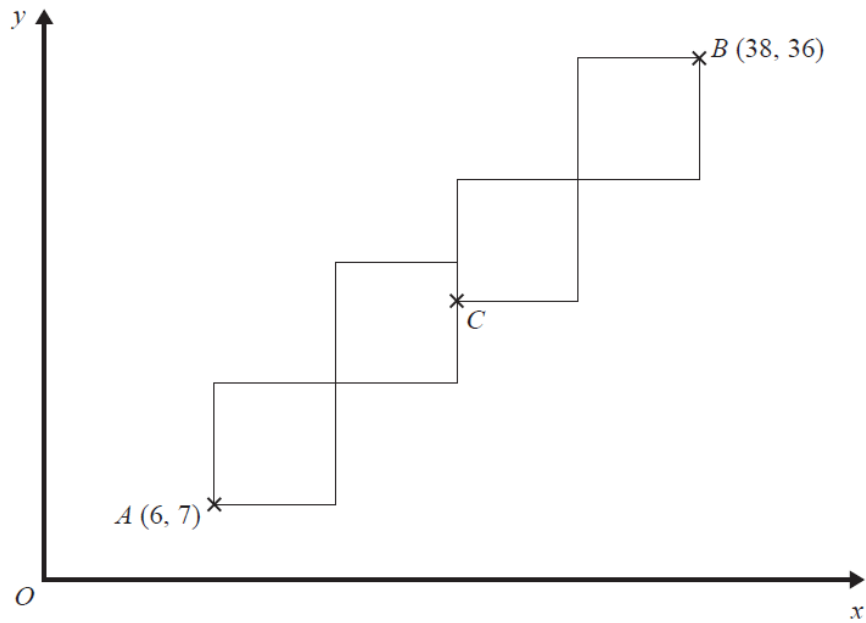
.....
.....
(1)

(c) On the grid, draw the line with equation $x = -2$

(1)

(Total for Question is 4 marks)

- 2 A pattern is made from four identical squares.
The sides of the squares are parallel to the axes.



Point A has coordinates $(6, 7)$
Point B has coordinates $(38, 36)$
Point C is marked on the diagram.

Work out the coordinates of C .

(.....,))

(Total for Question is 5 marks)

3 Write down the gradient of the line with equation $y = 2x + 3$

.....
(Total for Question is 1 mark)