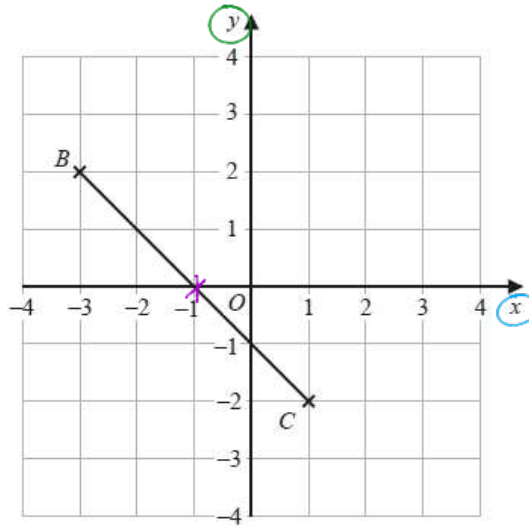


GCSE QUESTIONS WITH CLUES

Q1. NON-CALCULATOR



(a) Plot the point with coordinates (3, 2). Label this point A.

x y
→ ↑

(1)

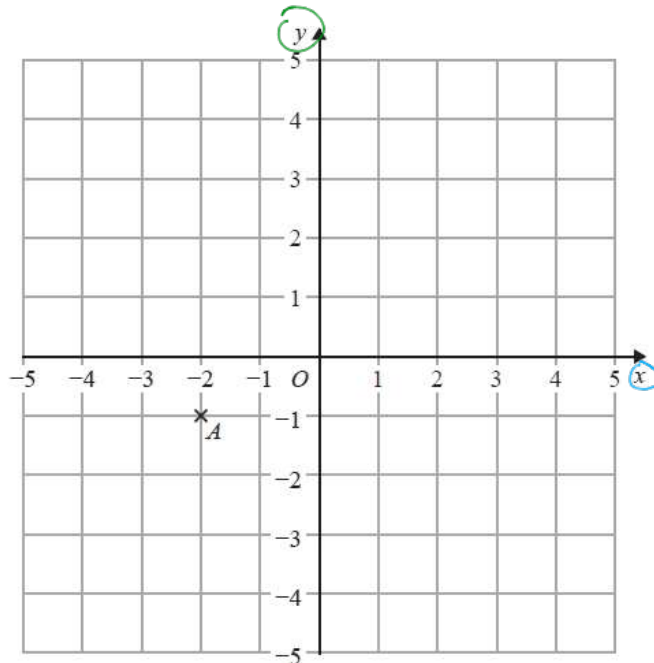
(b) Write down the coordinates of the midpoint of BC.

middle

(..... ,)
x y (1)

(Total for question = 2 marks)

Q2. NON-CALCULATOR



(a) Write down the coordinates of point A.

(..... ,)
x y (1)

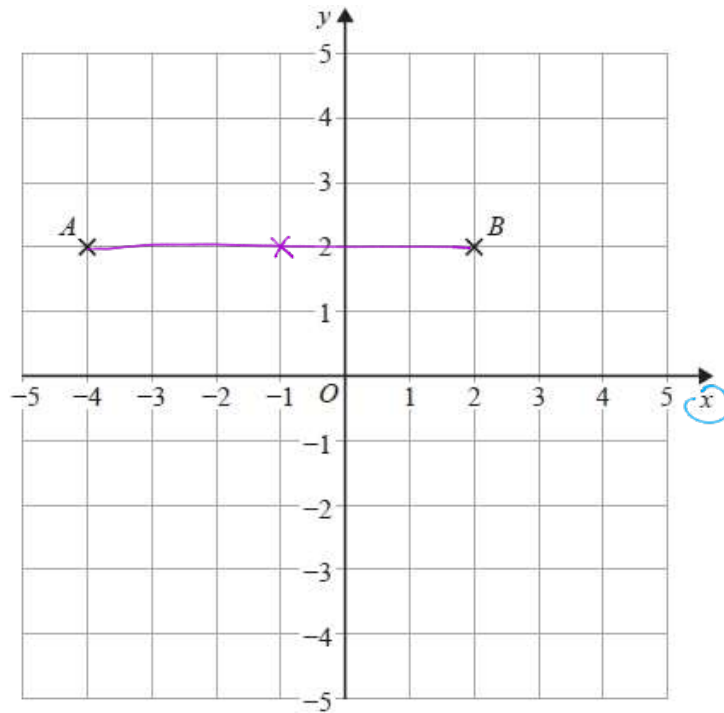
(b) On the grid, mark with a cross (X) the point (2, 3). Label this point B.

x y
→ ↑

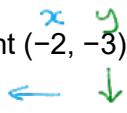
(1)

(Total for question = 2 marks)

Q3. NON-CALCULATOR



(a) On the grid, mark with a cross (X) the point $(-2, -3)$. Label the point C.



(1)

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

middle

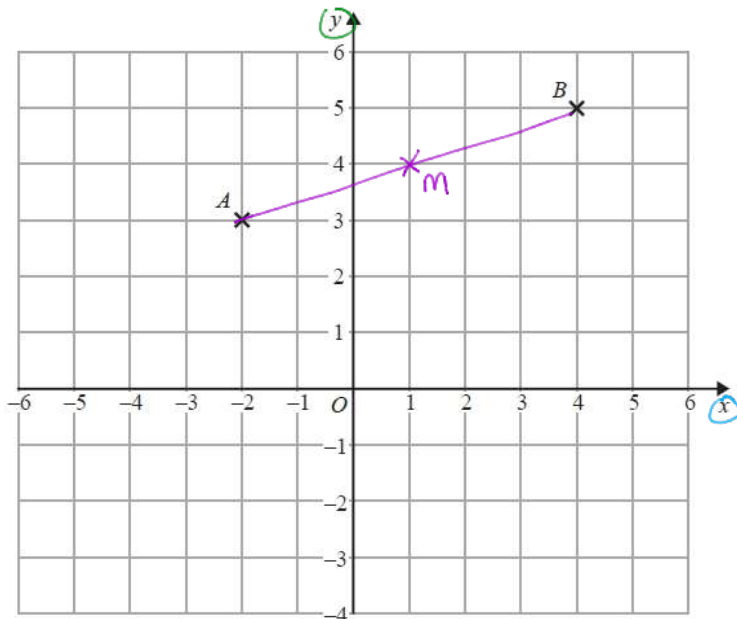
(..... ,)

x y

(1)

(Total for question = 2 marks)

Q4. NON-CALCULATOR



(a) Write down the coordinates of point B.

(..... ,)

x y

(1)

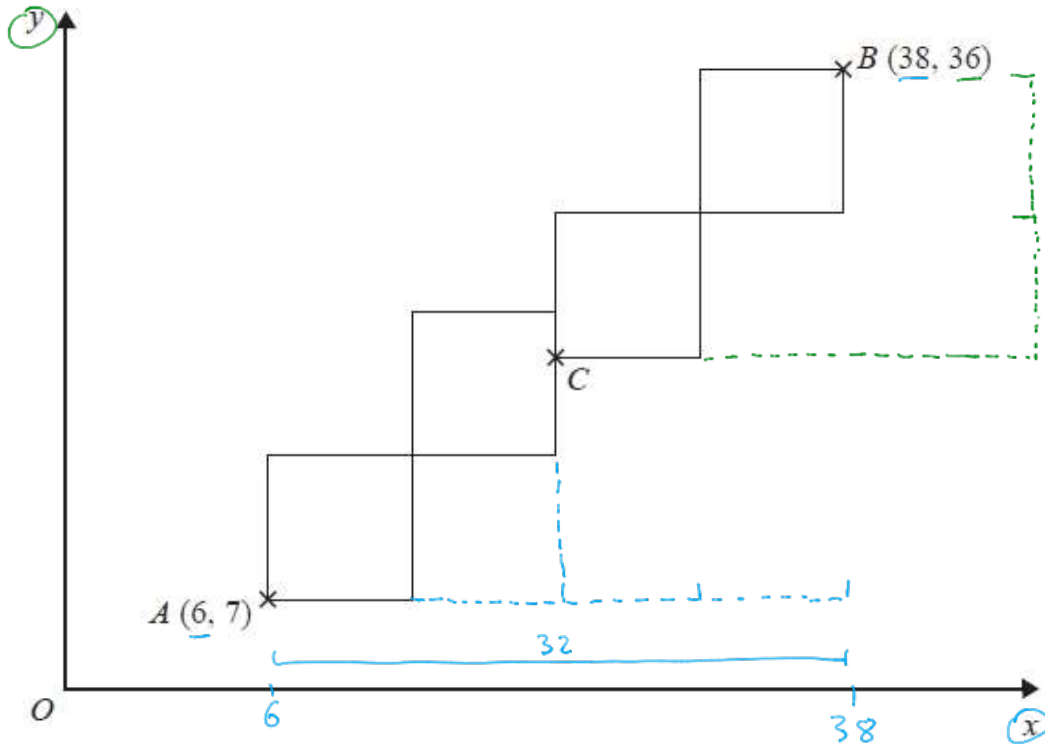
(b) Find the coordinates of the midpoint of AB.

(.....,) (1)

(Total for question = 2 marks)

Q5. NON-CALCULATOR

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.

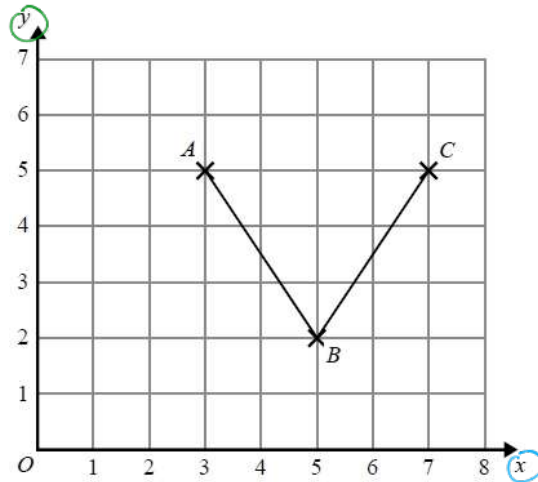
- ① Using x coordinate, find length of each square and the x -coordinate of C.
- ② Using length of each square find y coordinate of C.

(.....,) (1)

(Total for question = 5 marks)

Q6. CALCULATOR ALLOWED

Here is a grid showing the points A , B and C .



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

..... (x , y) (1)

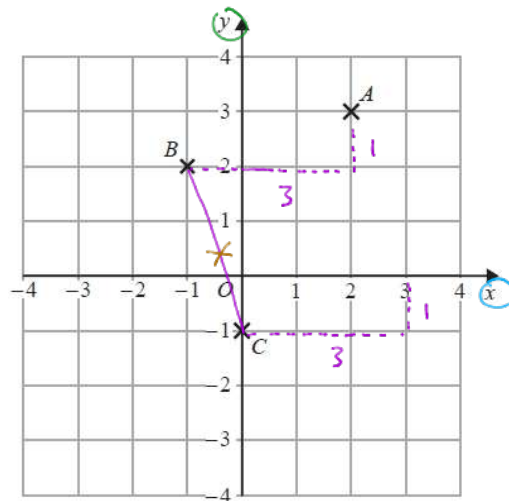
(b) On the grid, mark with a cross (\times) the point $(1, 2)$. Label this point D.

x y
→ ↑
..... (1)

(c) On the grid, mark with a cross (\times) a point E , so that the quadrilateral $ABCE$ is a kite.

..... (1)
(Total for question = 3 marks)

Q7. CALCULATOR ALLOWED



(a) Write down the coordinates of point C .

..... (1)
..... x , y

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

(1)

(c) Write down the coordinates of the midpoint of the line segment BC .

middle

..... (1)
..... x , y

(Total for question is 3 marks)