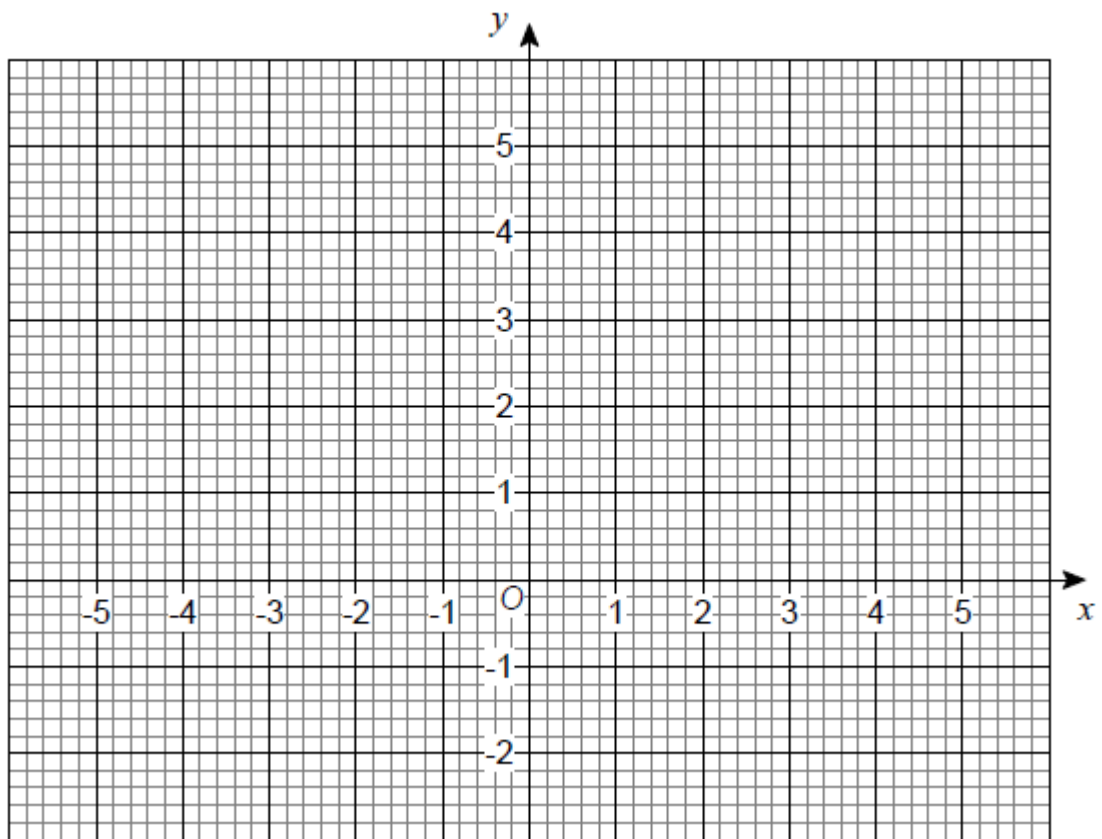


Q1.

The points $(-1, 0)$ and $(1, 4)$ are the diagonally opposite corners of a square.

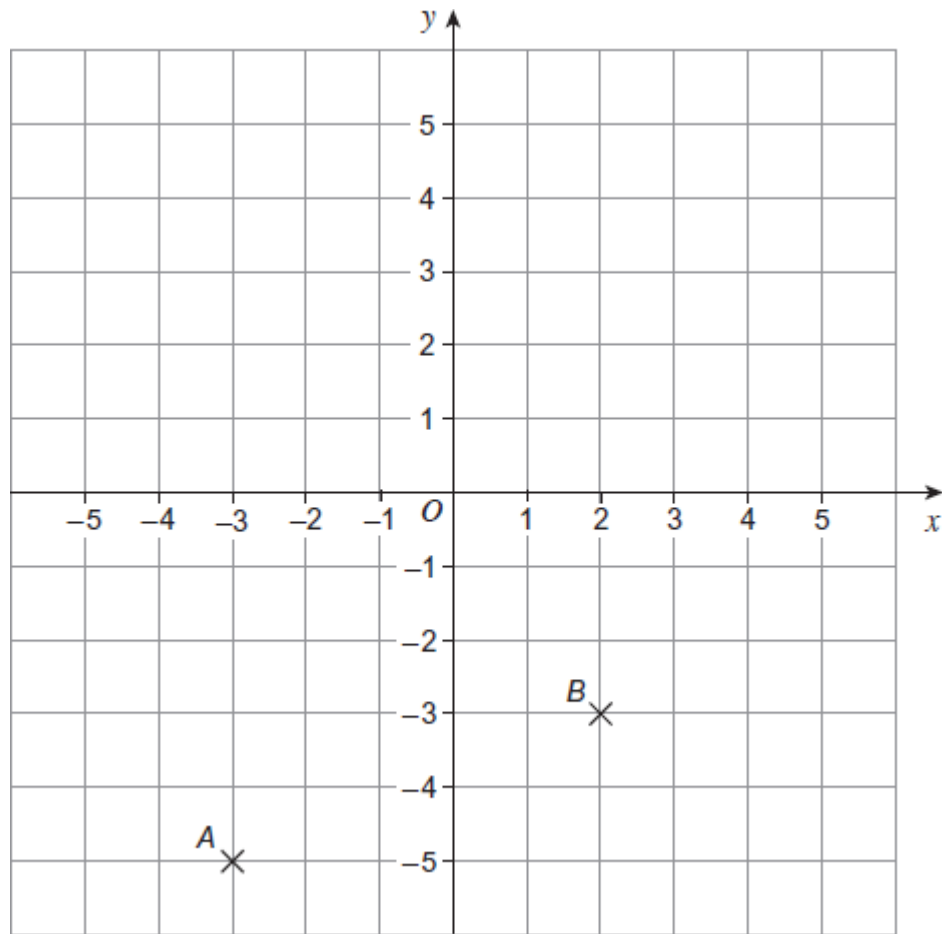


Work out the coordinates of the other **two** corners of the square.

Answer (..... ,) and (..... ,)

(Total 2 marks)

Q2. Points A and B are shown on the grid.



(a) Write down the coordinates of *A* and *B*.

Answer *A* (..... ,)

B (..... ,)

(2)

(b) Plot point *C* on the grid so that

the *x*-coordinate of *C* is less than the *x*-coordinate of *A*

and the *y*-coordinate of *C* is positive and even.

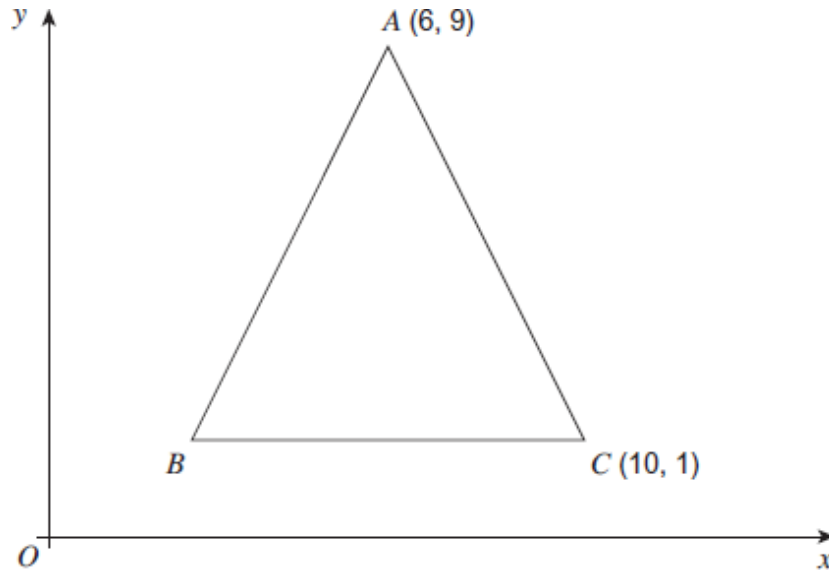
(2)

(Total 4 marks)

Q3. *ABC* is an isosceles triangle.

$$AB = AC$$

BC is parallel to the *x*-axis.



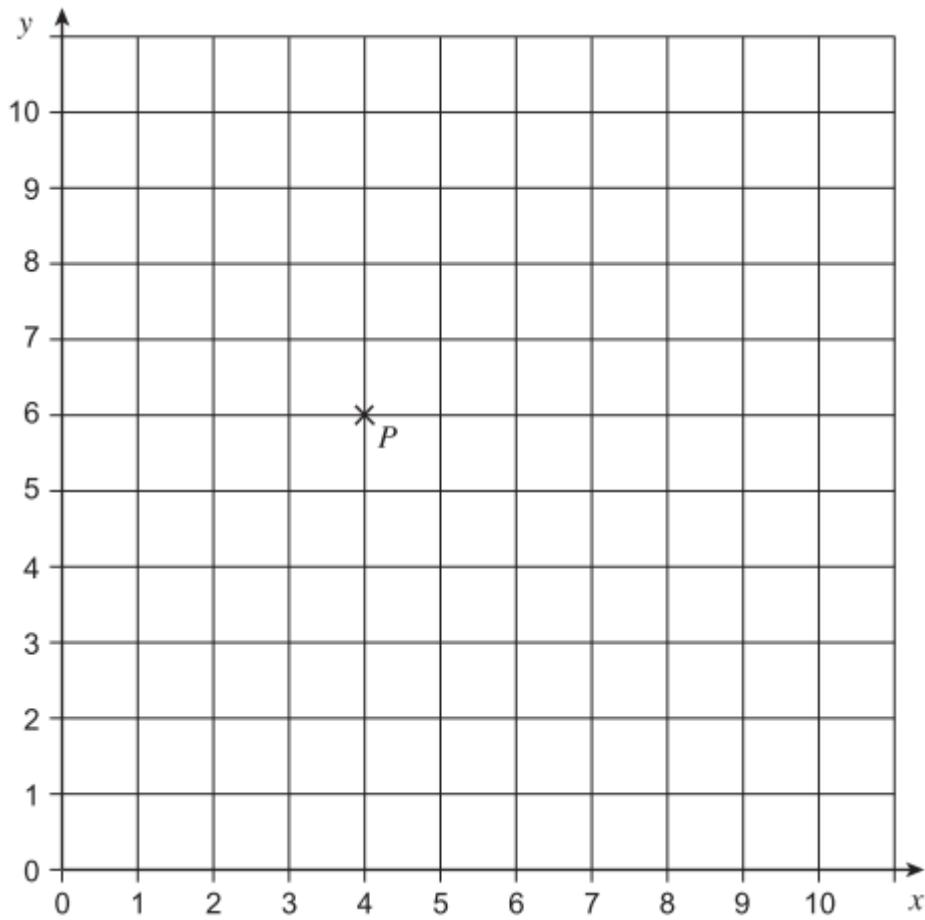
Not drawn
accurately

Work out the coordinates of B .

Answer (..... ,)

(Total 2 marks)

Q4. Here is a centimetre grid with point P plotted.



A circle has centre P and radius 4 cm.
The circle passes through the points A , B , C and D .

Complete the coordinates for A , B , C and D .

A (..... , 2)

B (8 ,)

C (..... , 10)

D (0 ,)

(Total 4 marks)