

1) **ABCD** is a rectangle drawn on coordinate axes.
 The sides of the rectangle are parallel to the axes.

What are the coordinates of **D** and **E**?



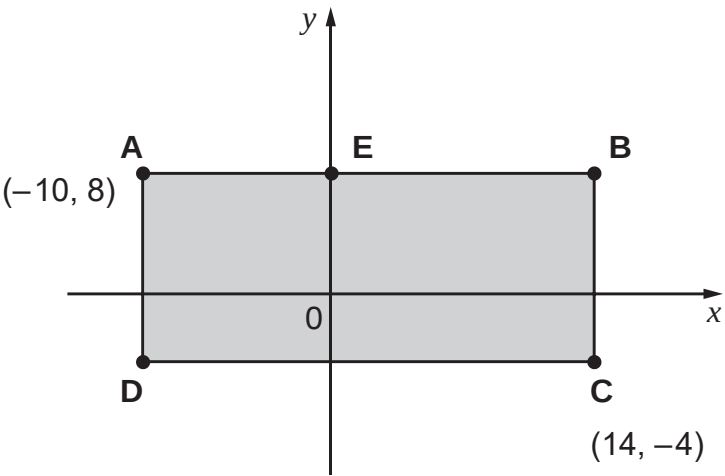
D is

	,	
--	---	--

1 mark

E is

	,	
--	---	--

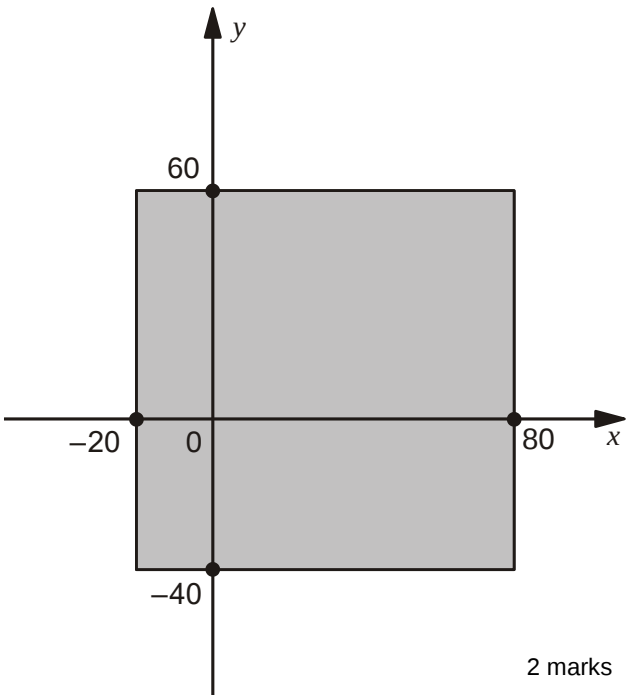


2)Here is a shaded square on x and y axes.

For each of these points, put a tick (✓) to show
 if it is inside the square or outside the square.



	Inside the square	outside the square
(50, 70)	☐	☐
(60, -30)	☐	☐
(-10, 50)	☐	☐
(-30, -30)	☐	☐



2 marks

3) **A**, **B**, **C** and **D** are the vertices of a rectangle.

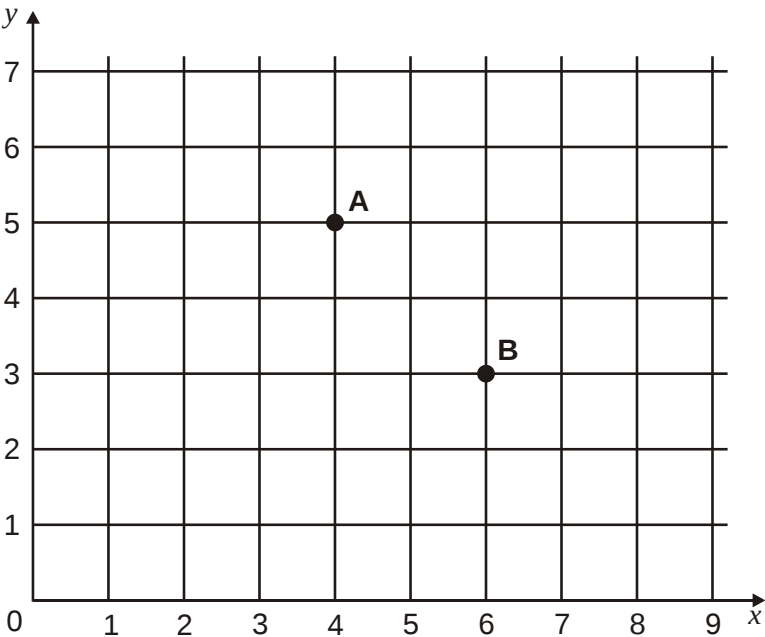
A and **B** are shown on the grid.

D is the point (3, 4)

Write the coordinates of point **C**.



(,)



4) The diagram shows two identical squares.

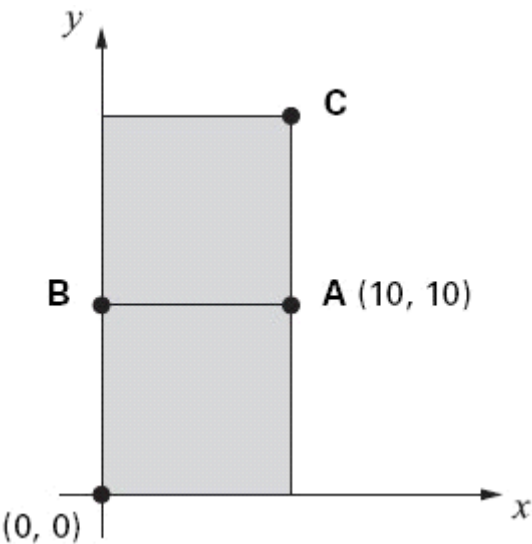
A is the point (10,10)

What are the coordinates of **B** and **C**?



B is (,)

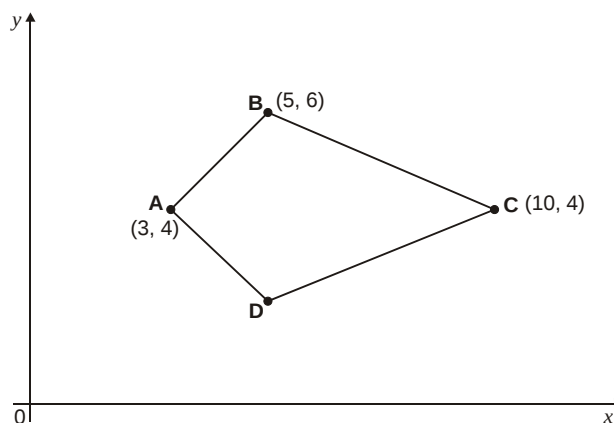
C is (,)



ark

5) Here is a kite.

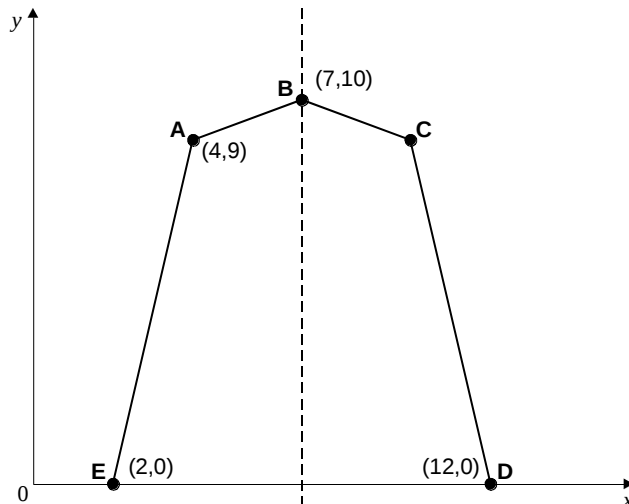
Write the coordinates of point **D**.



6) Here is a pentagon drawn on a coordinate grid.

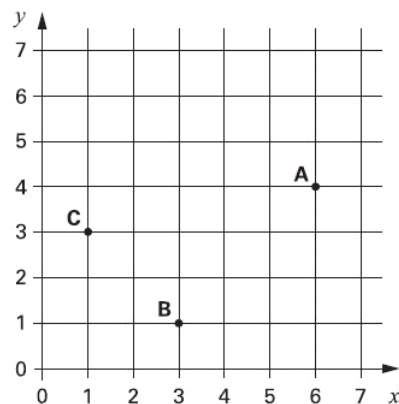
The pentagon is symmetrical.

What are the coordinates of point **C**?



7) A, B and C are three corners of a rectangle.

What are the coordinates of the fourth corner?



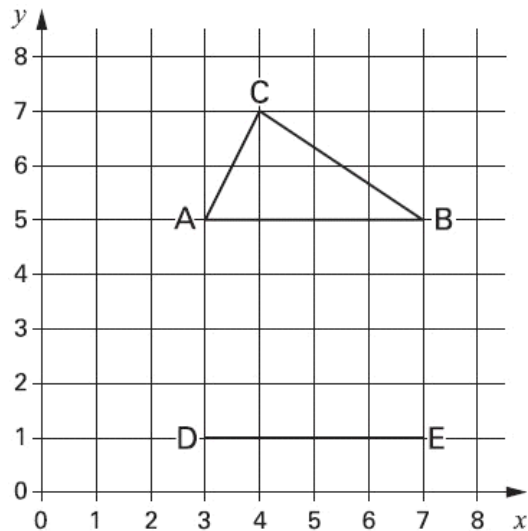
8) Kyle has drawn triangle **ABC** on this grid.

Holly has started to draw an **identical** triangle **DEF**.

What will be the coordinates of point **F**?



(,)

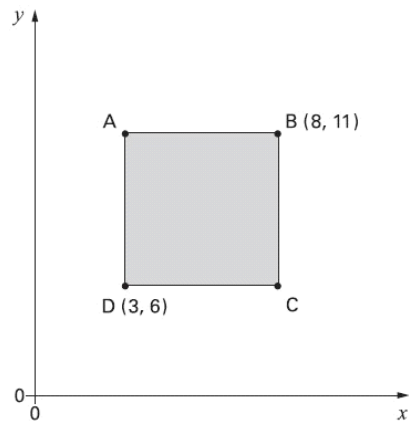


9) Here is a shaded square.

Write the coordinates for point **A**.



A = |

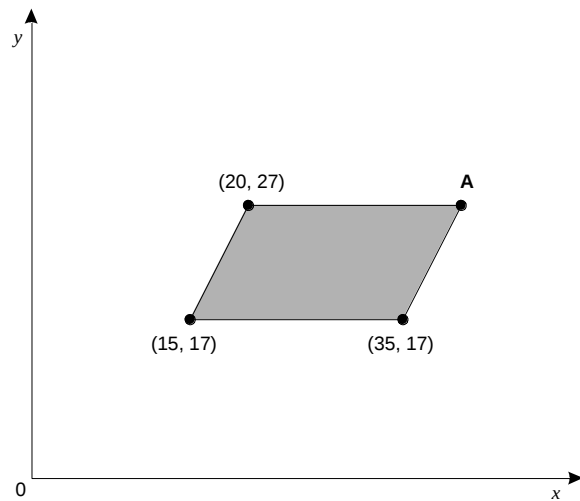


10) The shaded shape is a parallelogram.

Write in the coordinates of point **A**.



(,)



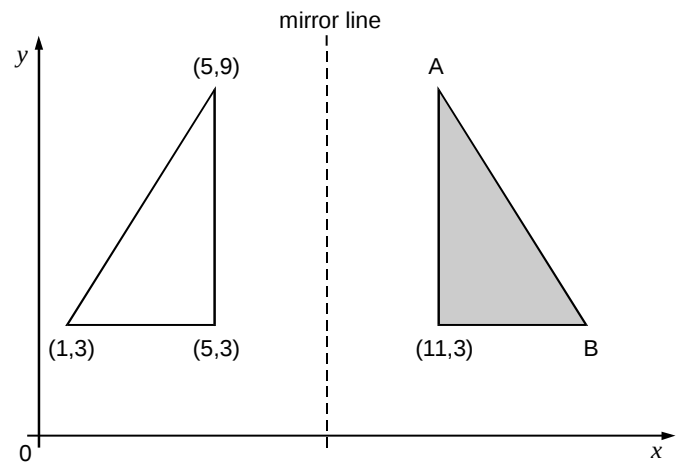
11) The shaded triangle is a reflection of the white triangle in the mirror line.

Write the **co-ordinates** of point **A** and point **B**.



A is (,)

B is (,)



12) Here is a graph

The points **A**, **B** and **C** are **equally spaced**.

What are the **co-ordinates** of the point **B**?



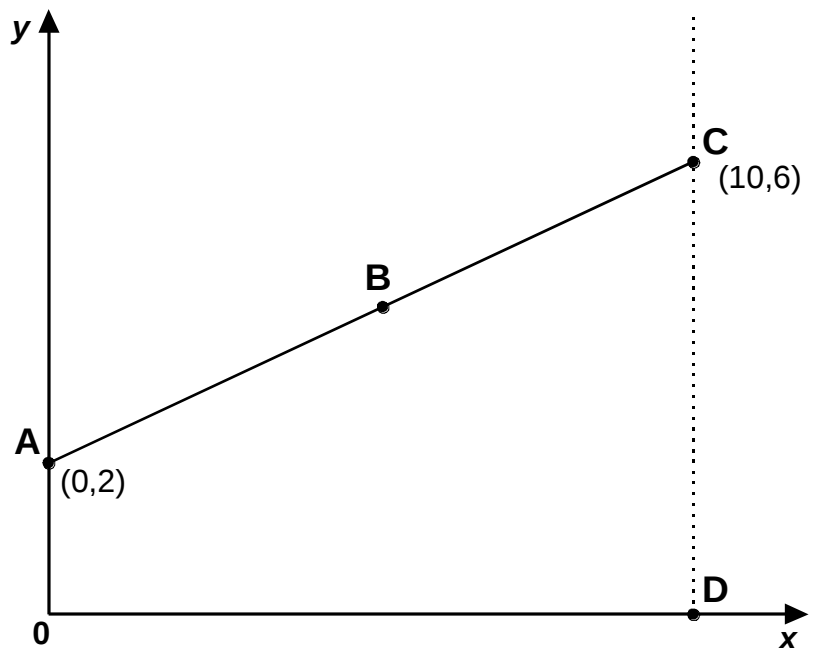
(,)

Point **D** is directly below point **C**.

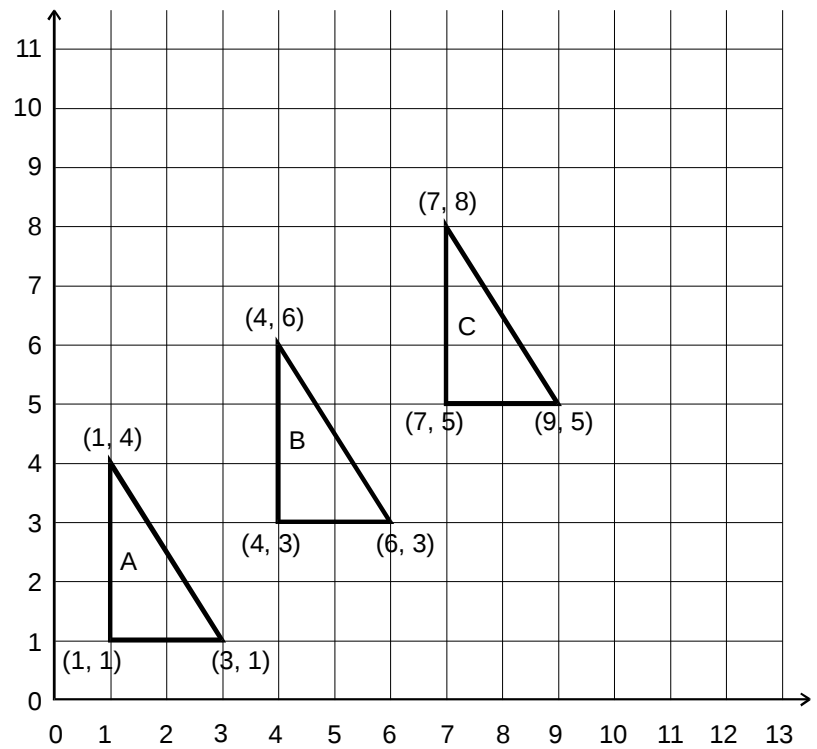
What are the **co-ordinates** of the point **D**?



(,)



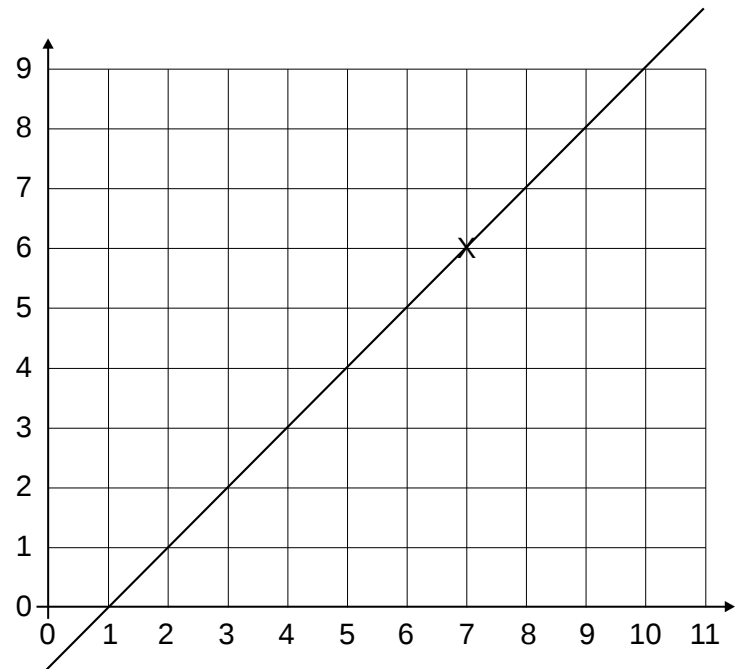
13) Write the co-ordinates of the next triangle in the sequence.



14) (7, 6) are coordinates of a point on the line.

(a) Tick (✓) which of these are coordinates of other points on the line.

- | | |
|---------------------------------|---------------------------------|
| (3,2) ☐ | (9,10) ☐ |
| (5,4) ☐ | (4,2) ☐ |
| (10,9) ☐ | (7,9) ☐ |



b) How do you know that point (11, 12) would not be on this line?.....

.....

15) The Cave has co-ordinates (7 , 4).

What are the co-ordinates of the Treasure? (,)

