

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**?



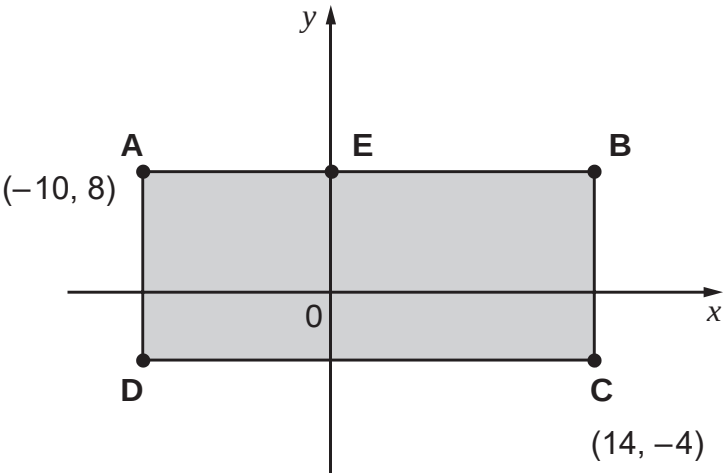
D is

	,	
--	---	--

1 mark

E is

	,	
--	---	--

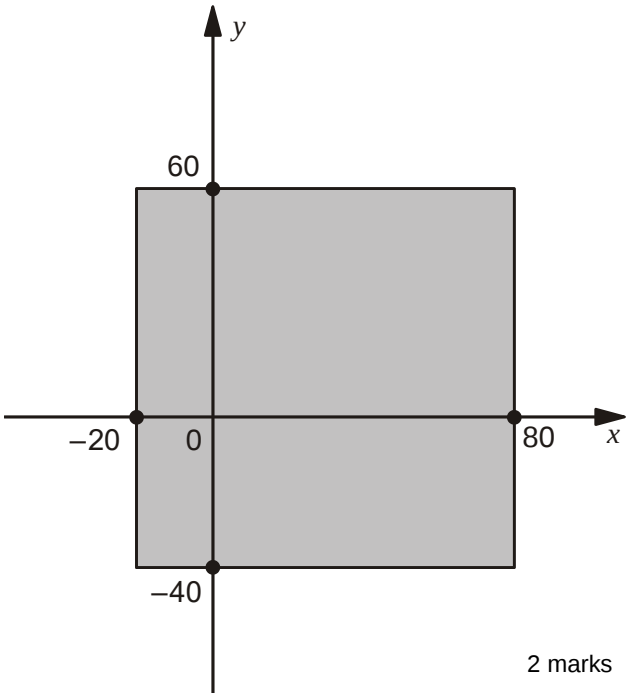


2)Here is a shaded square on x and y axes.

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.

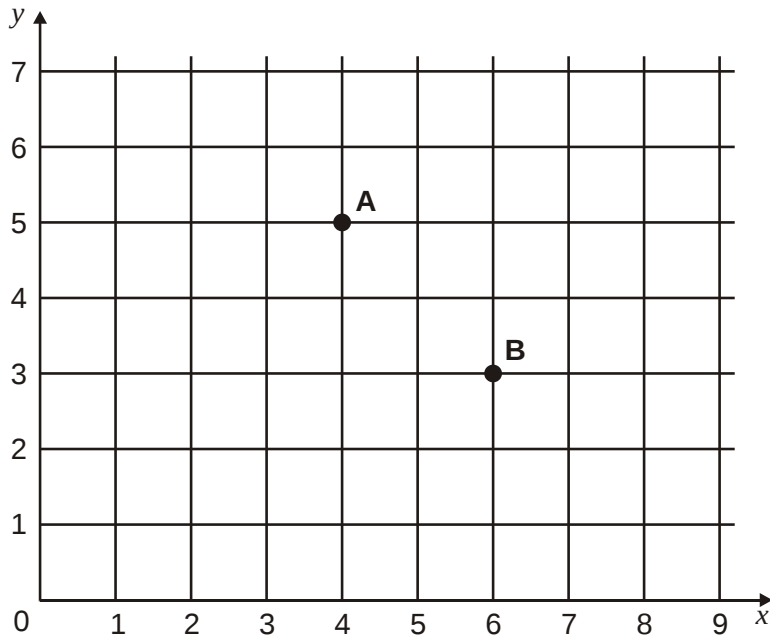
A and **B** are shown on the grid.

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**?

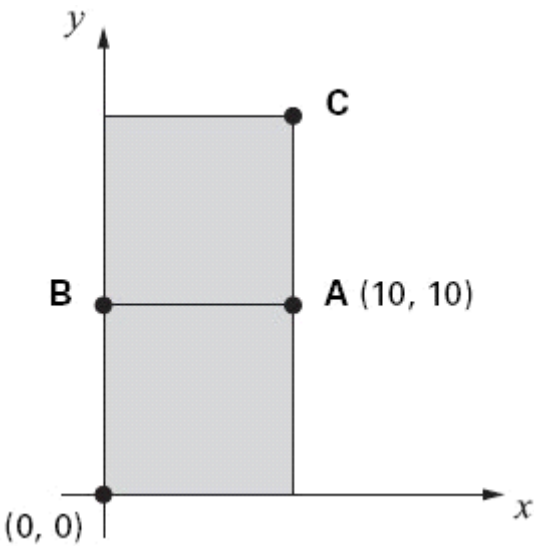


B is

(,)

C is

(,)

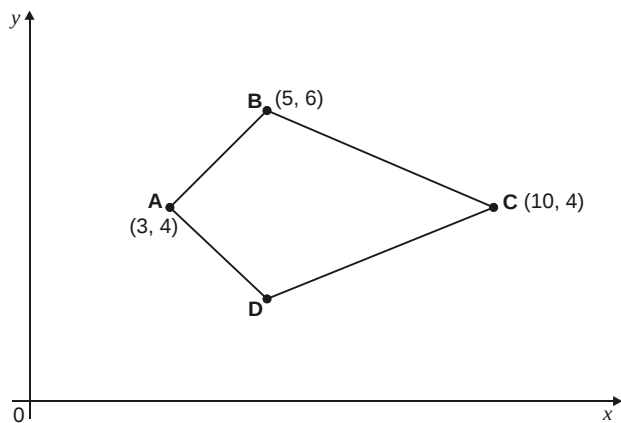


ark

5) Here is a kite.

Write the coordinates of point **D**.

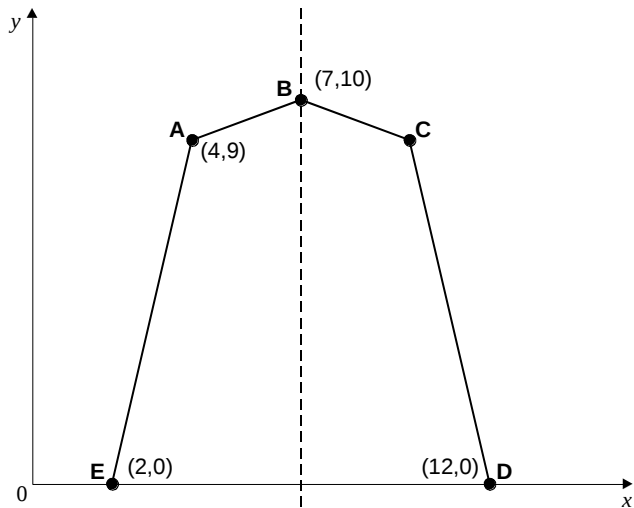




6) Here is a pentagon drawn on a coordinate grid.

The pentagon is symmetrical.

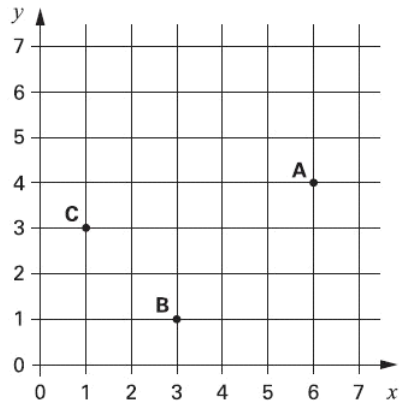




7) A, B and C are three corners of a rectangle.

What are the coordinates of the fourth corner?





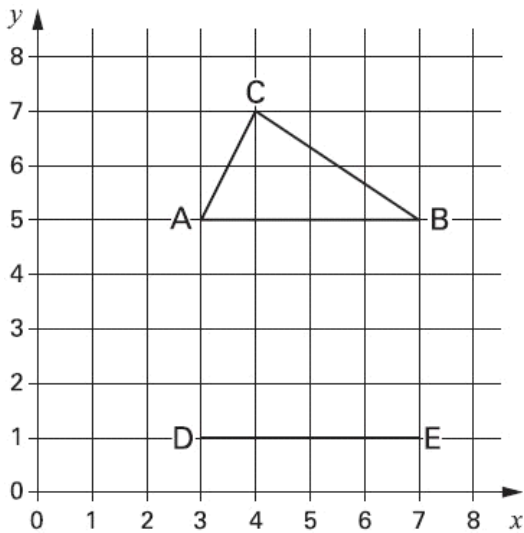
8) Kyle has drawn triangle **ABC** on this grid.

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

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



(,)

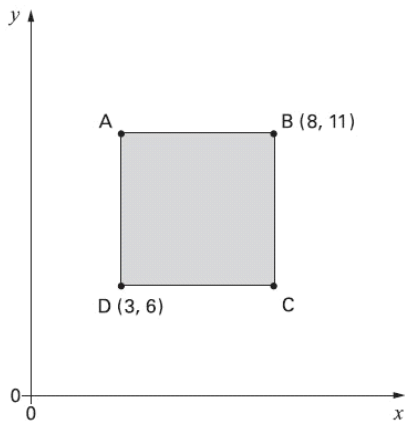


9) Here is a shaded square.

Write the coordinates for point **A**.



A = |

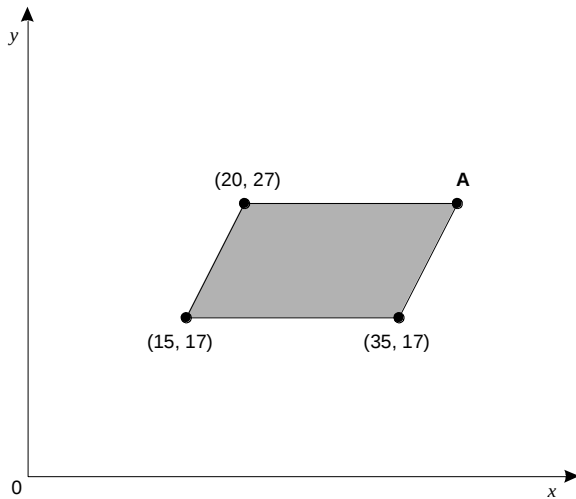


10) The shaded shape is a parallelogram.

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



(,)



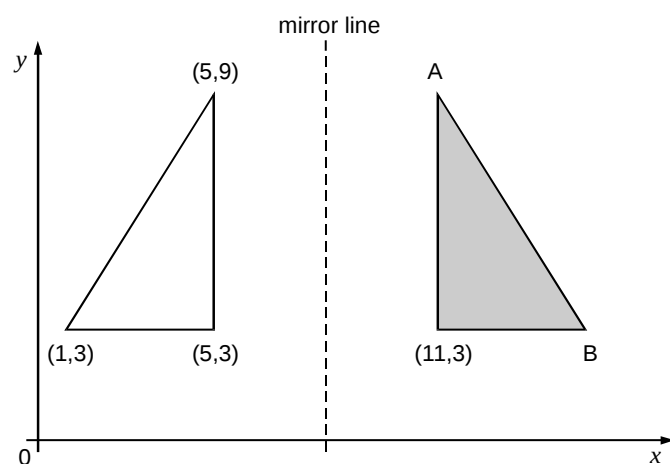
11) The shaded triangle is a reflection of the white triangle in the mirror line.

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**?



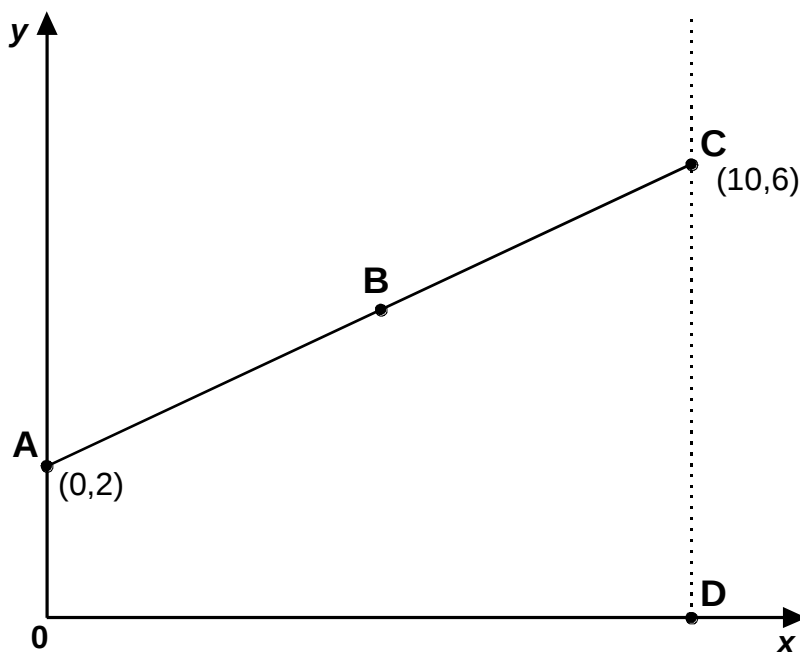
(,)

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

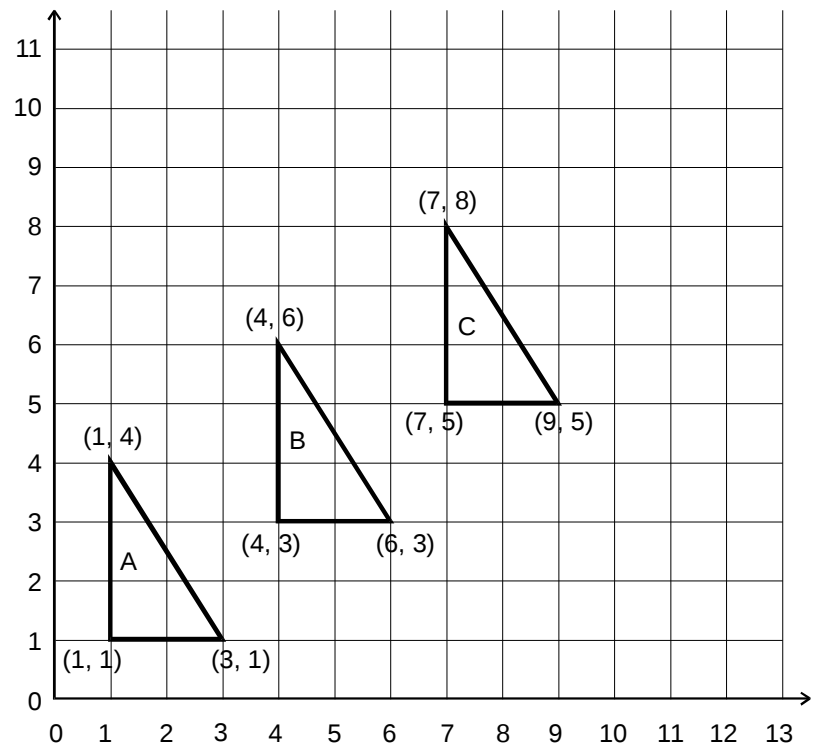
What are the **co-ordinates** of the **point D**?



(,)



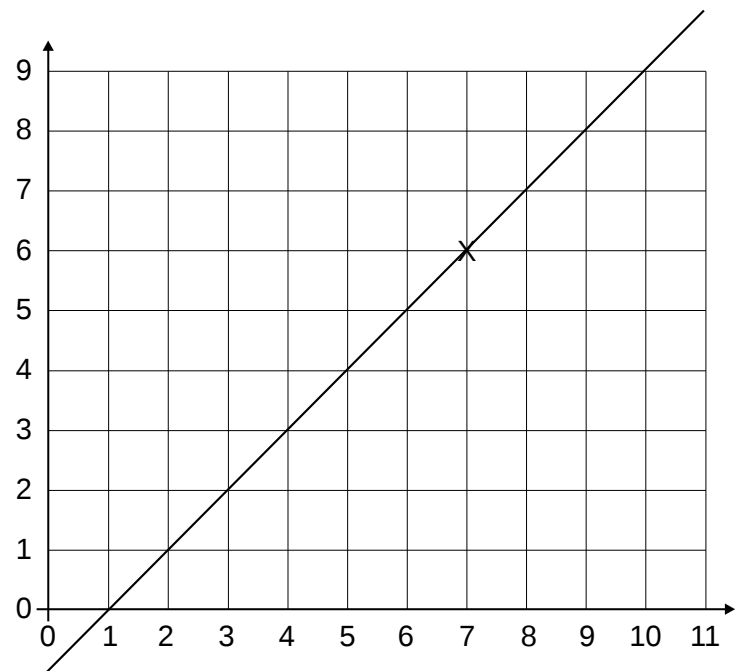
13) Write the co-ordinates
of the next triangle in the sequence.



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? **(,)**

