



COORDINATES

Help Code : 032

10

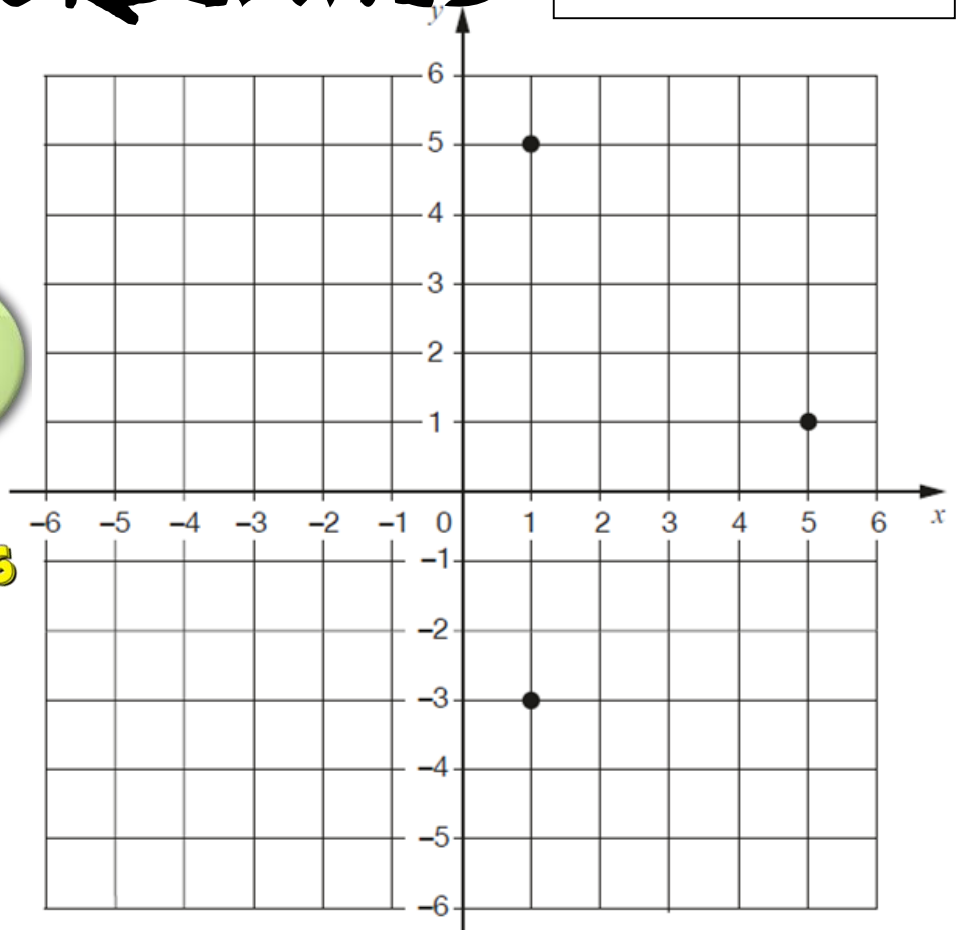
Layla draws a **square** on this coordinate grid. Three of the vertices are marked.



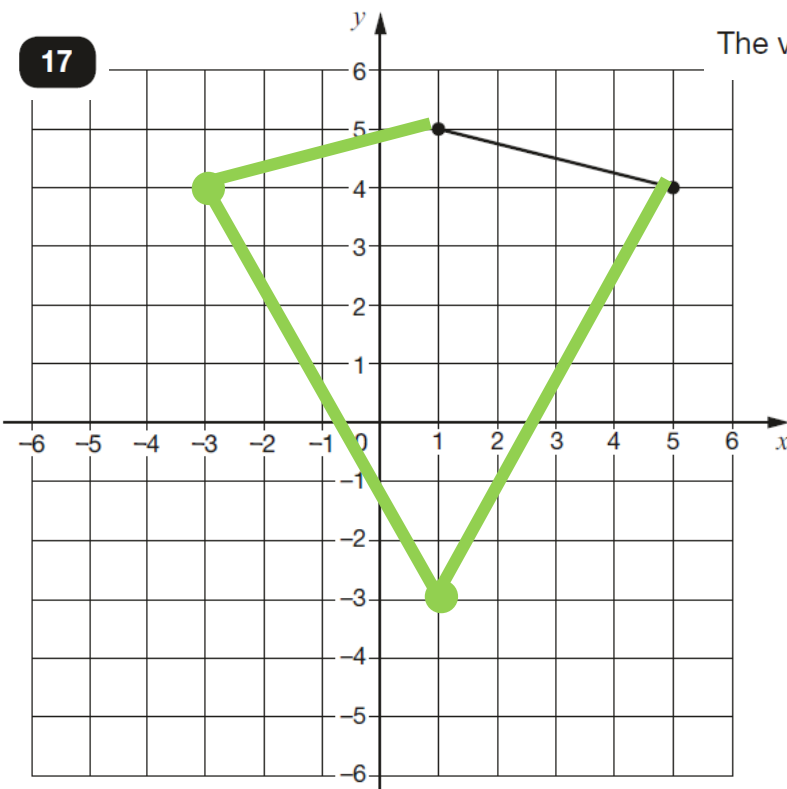
What are the coordinates of the missing vertex?



(-3 , 1)



17



The vertices of a quadrilateral have these coordinates.

(1, 5)

(5, 4)

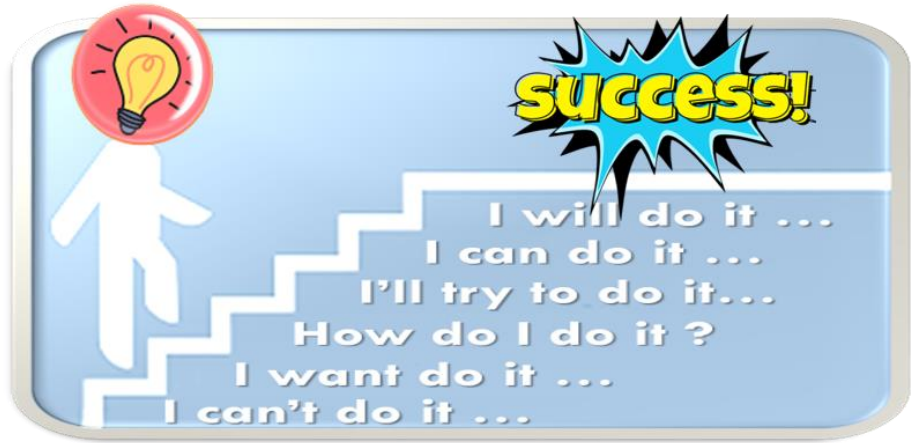
(1, -3)

(-3, 4)

Complete the quadrilateral.

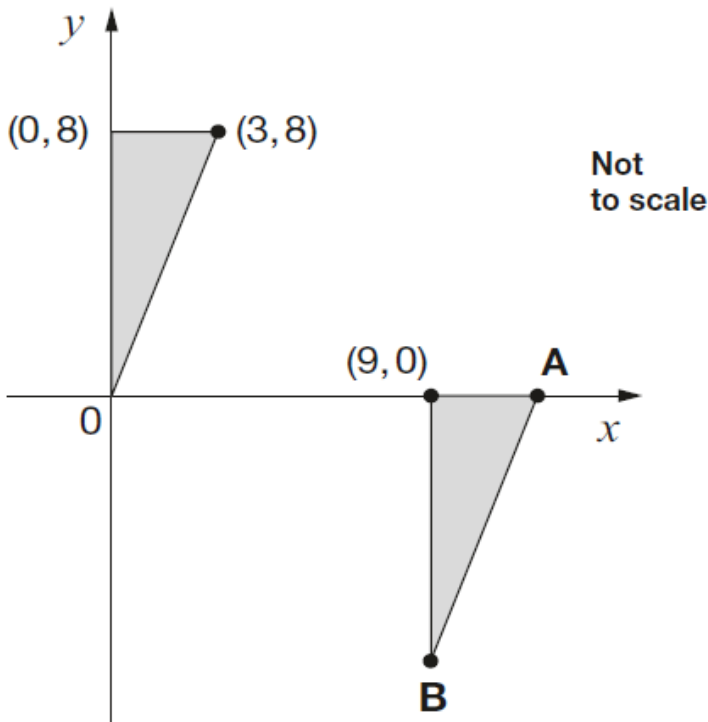
Use a ruler.





20

Here are two **identical** shaded triangles on coordinate axes.



Write the coordinates of points A and B.

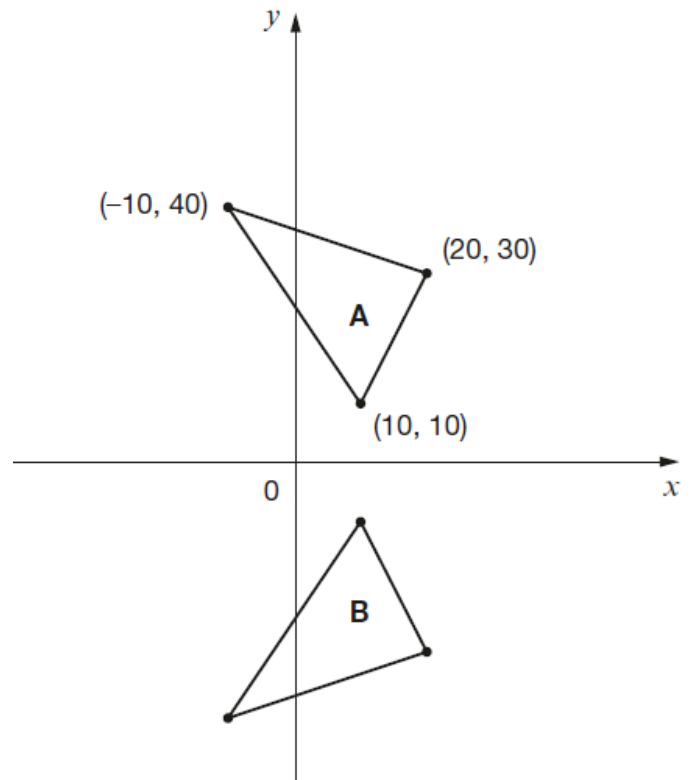


A = (12 , 0)

B = (9 , -8)

20

Here are two triangles drawn on coordinate axes.



Triangle B is a reflection of triangle A in the x -axis.

Two of the new vertices of triangle B are (10, -10) and (20, -30).

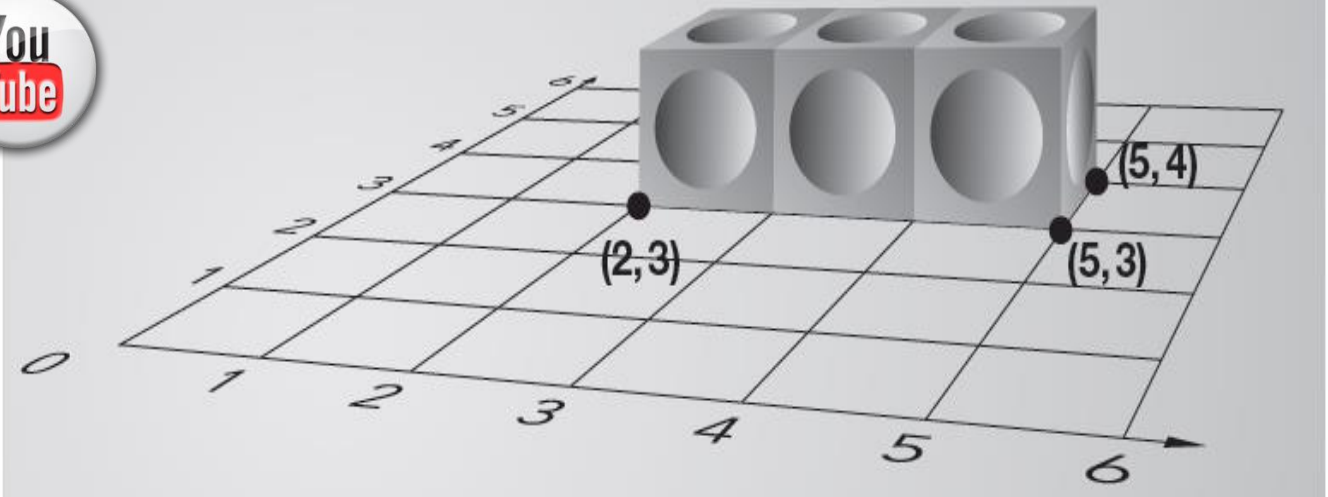
What are the coordinates of the **third** vertex of triangle B?



(-10 , -40)

2013A KS2 Q13

Alfie places three cubes on a coordinate grid. The base of his shape is a rectangle.



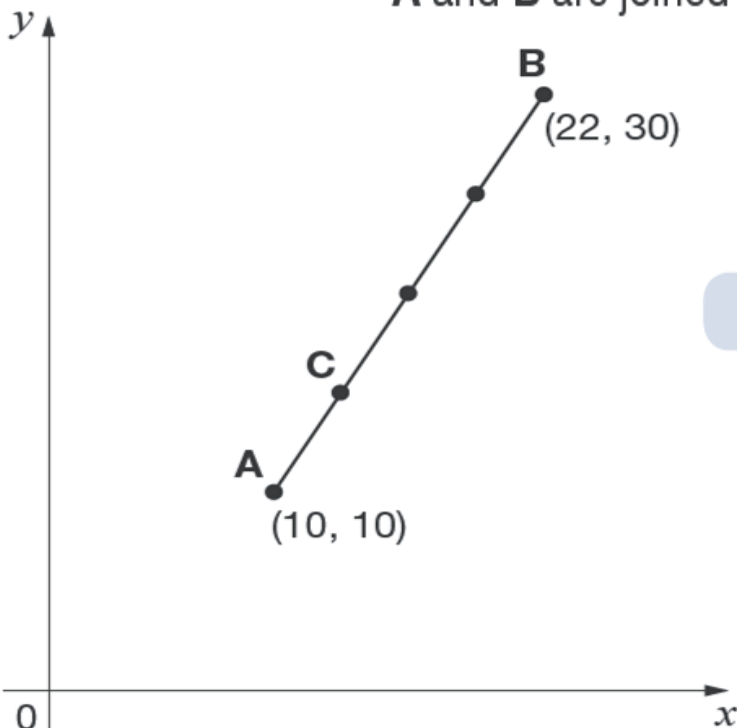
Complete this sentence:

The four **vertices** of the rectangle are

(2, 3), (5, 3), (5, 4) and

2011A KS2 Q23

A and B are joined by a straight line on coordinate axes.



The dots on the line are equally spaced.

What are the coordinates of C?

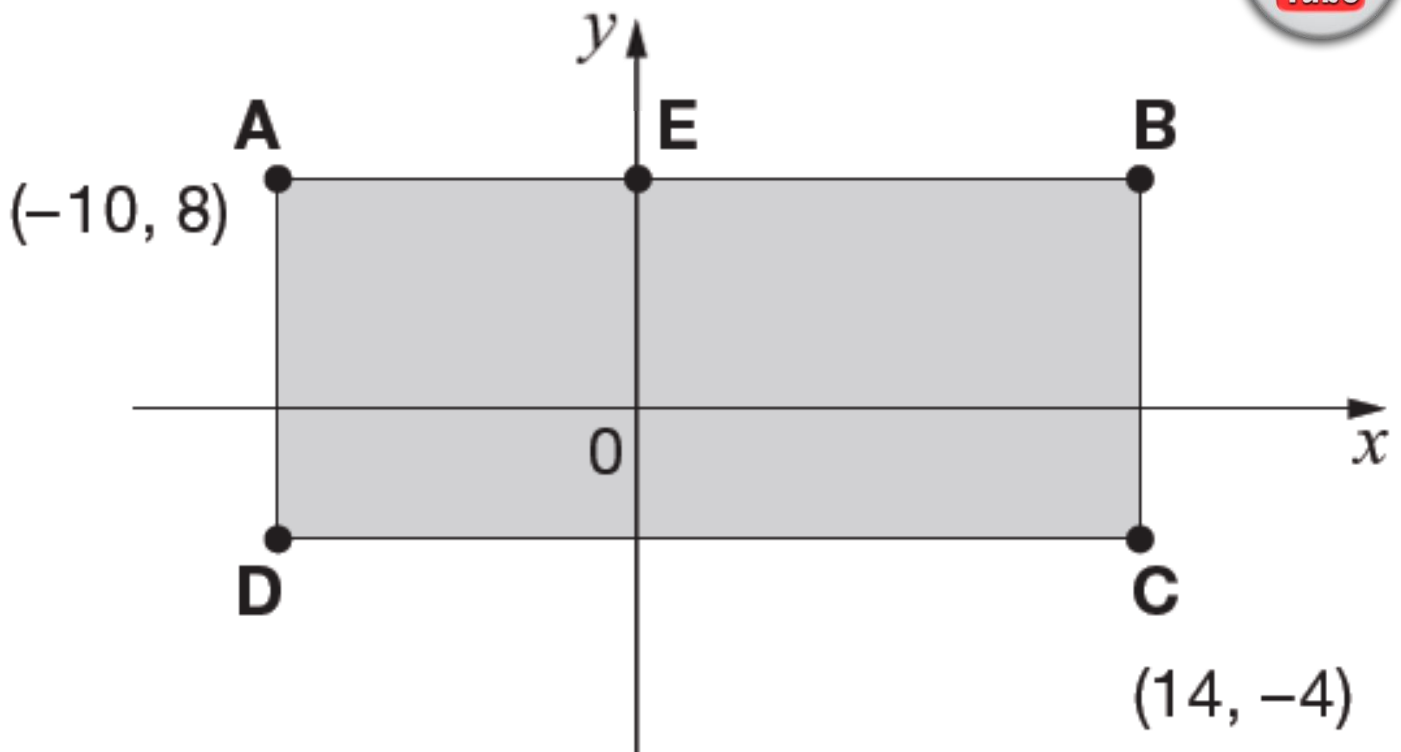


C is

2009A KS2 Q23

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**?

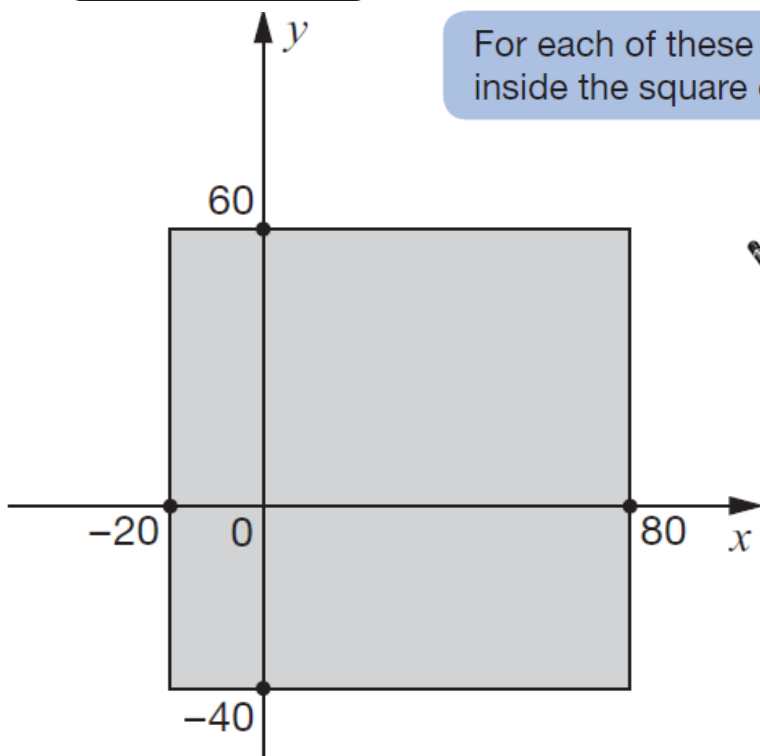
D is ,

E is ,

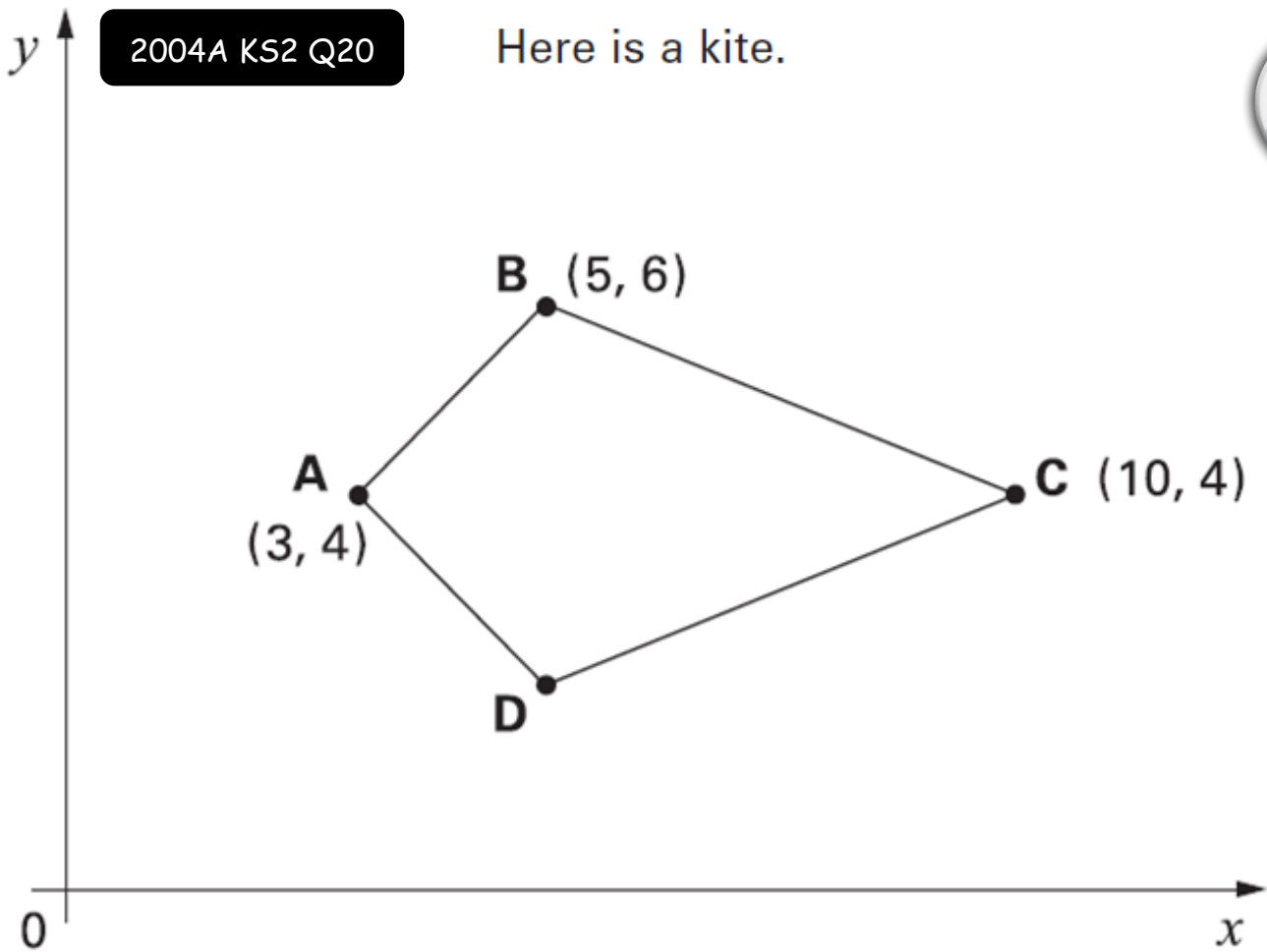
2007A KS2 Q19

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)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(60, -30)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(-10, 50)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(-30, -30)	<input type="checkbox"/>	<input checked="" type="checkbox"/>



Write the coordinates of point D.

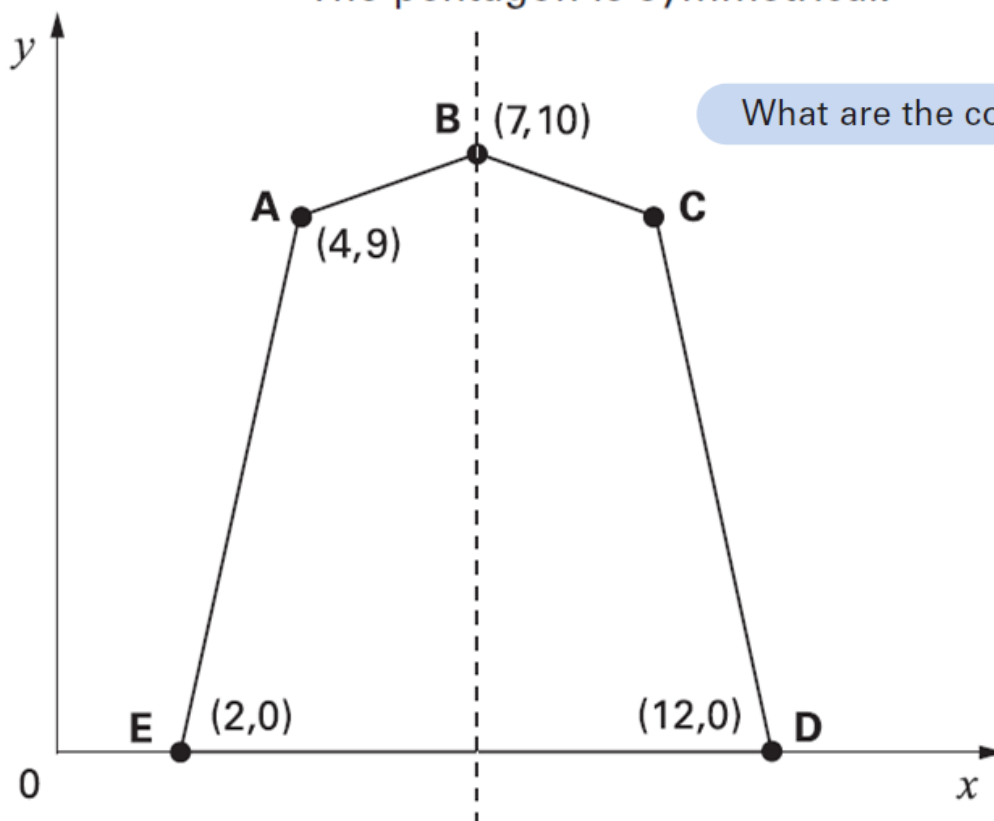


(5, 2)

2003A KS2 Q23

Here is a pentagon drawn on a coordinate grid.

The pentagon is symmetrical.



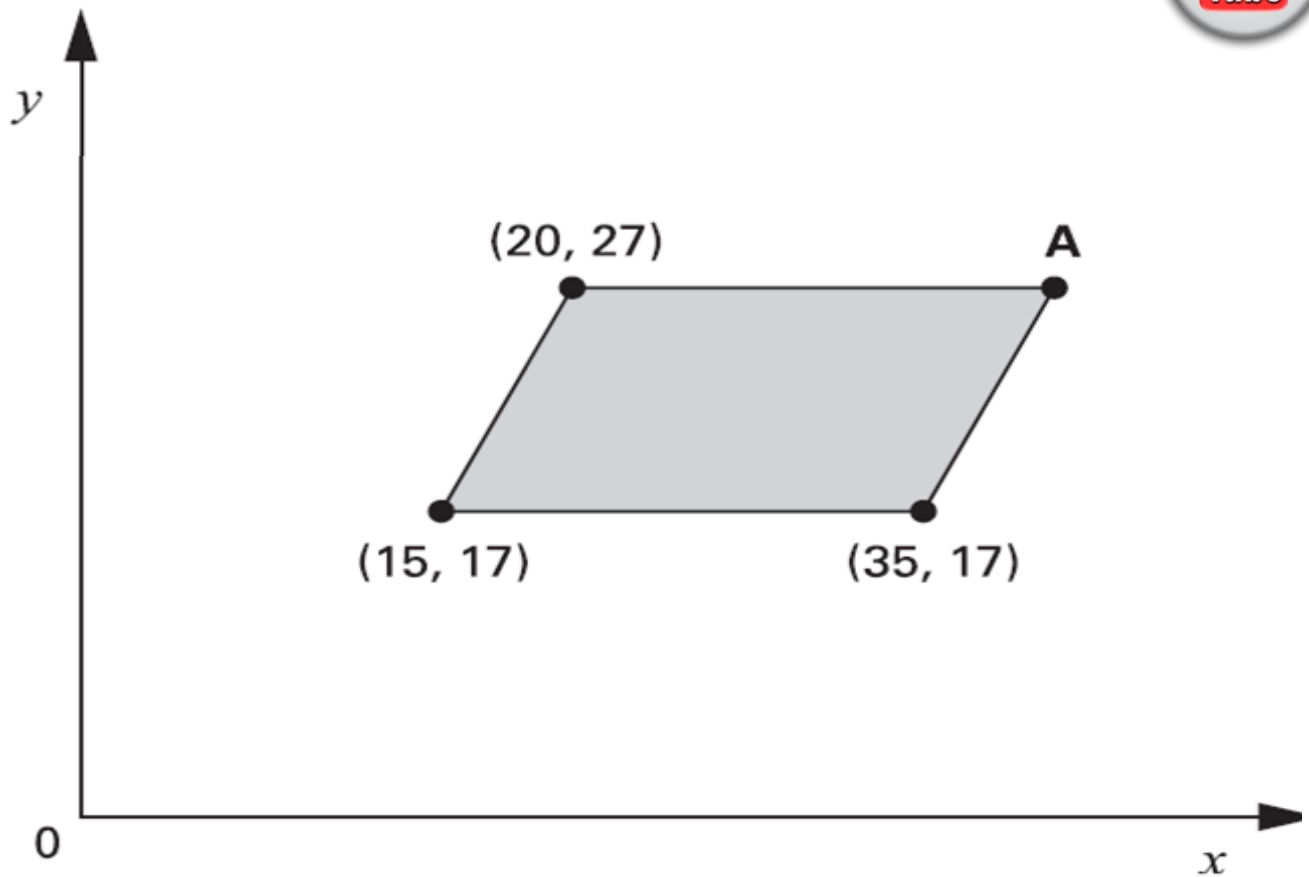
What are the coordinates of point C?



(10, 9)



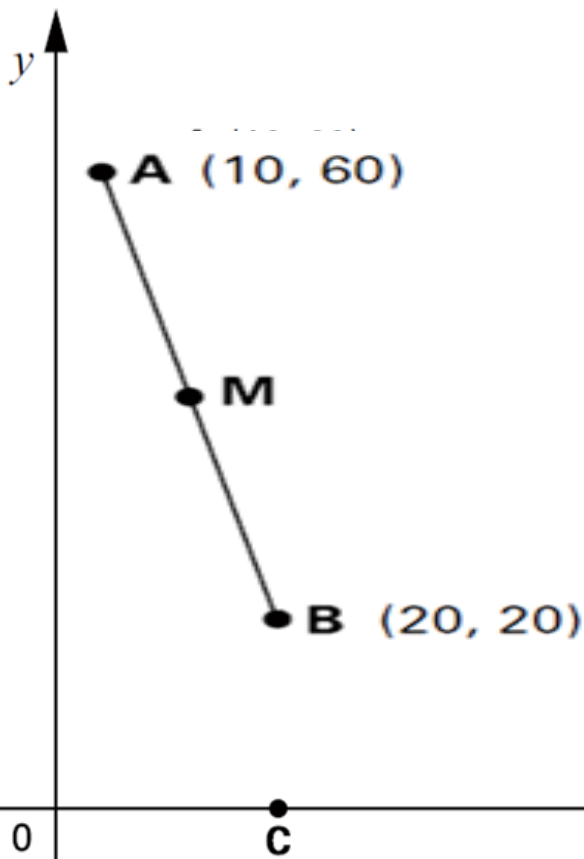
The shaded shape is a parallelogram.



Write in the coordinates of point A.



(40 , 27)



2001A KS2 Q20

A is the point (10, 60)

B is the point (20, 20)

M is the midpoint of line AB.

Write the coordinates of M.

(15 , 40)

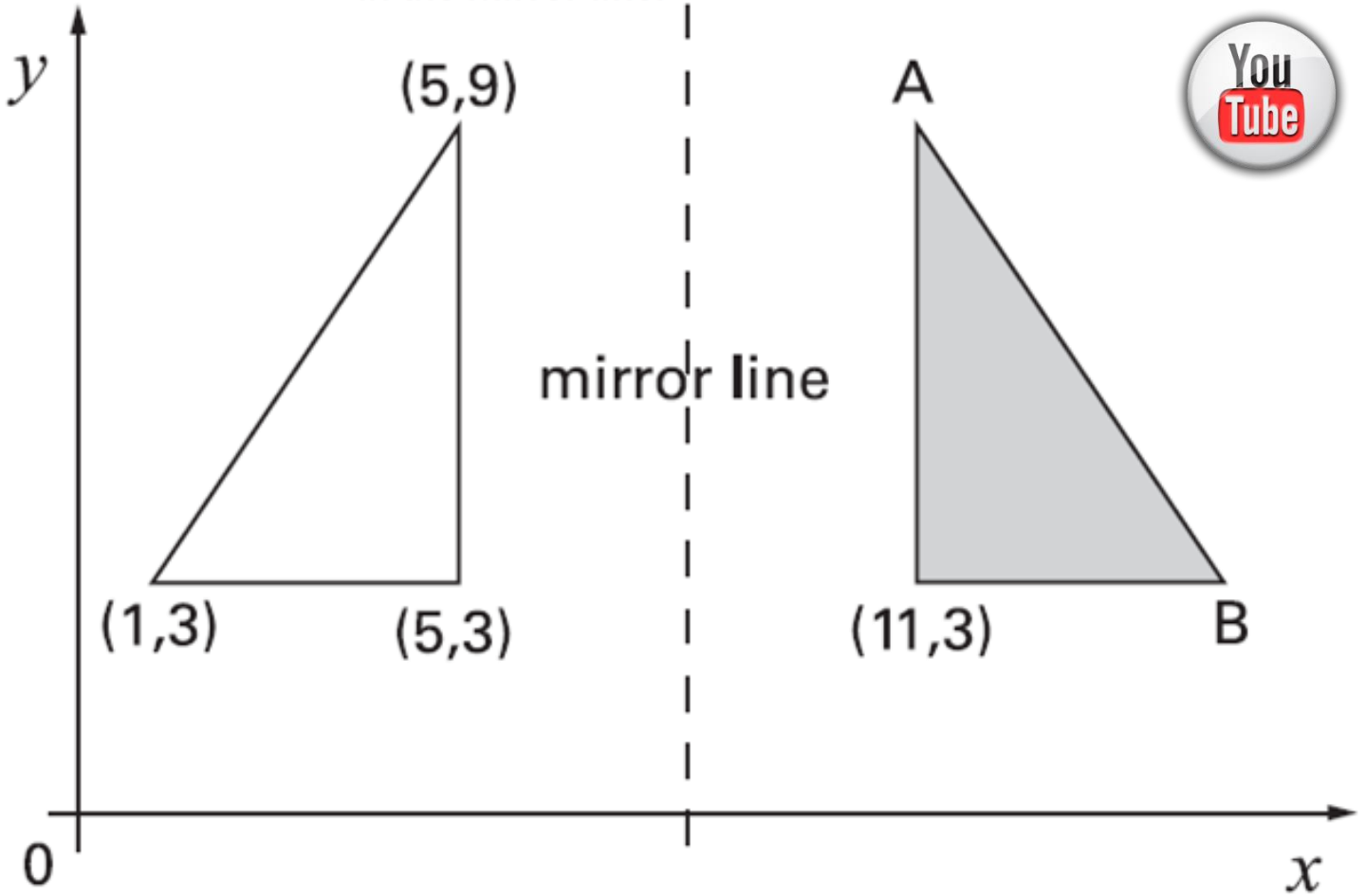
C is on the x-axis, directly below B.

Write the coordinates of C.

(20 , 0)

2000A KS2 Q22

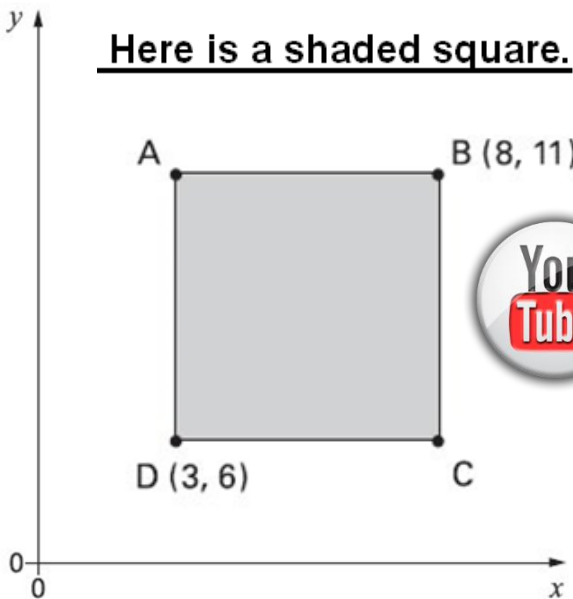
The shaded triangle is a reflection of the white triangle in the mirror line.



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

A is **(11, 9)** B is **(15, 3)**

Q5

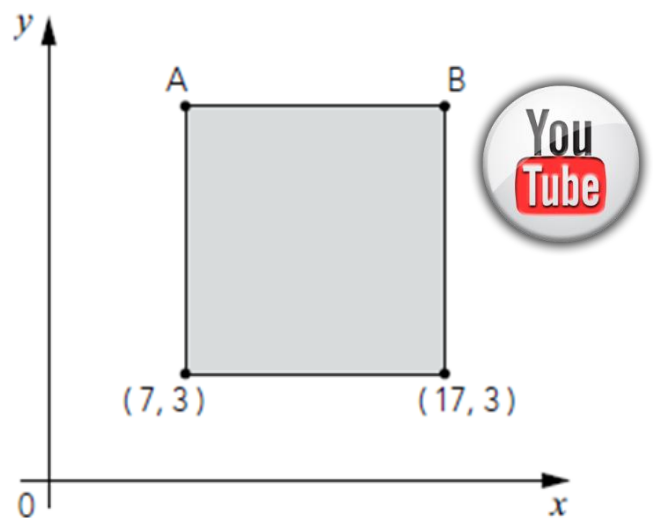


Here is a shaded square.

Write the coordinates for point **A**.

A = (**3, 11**)

Q8. The shaded shape is a square.

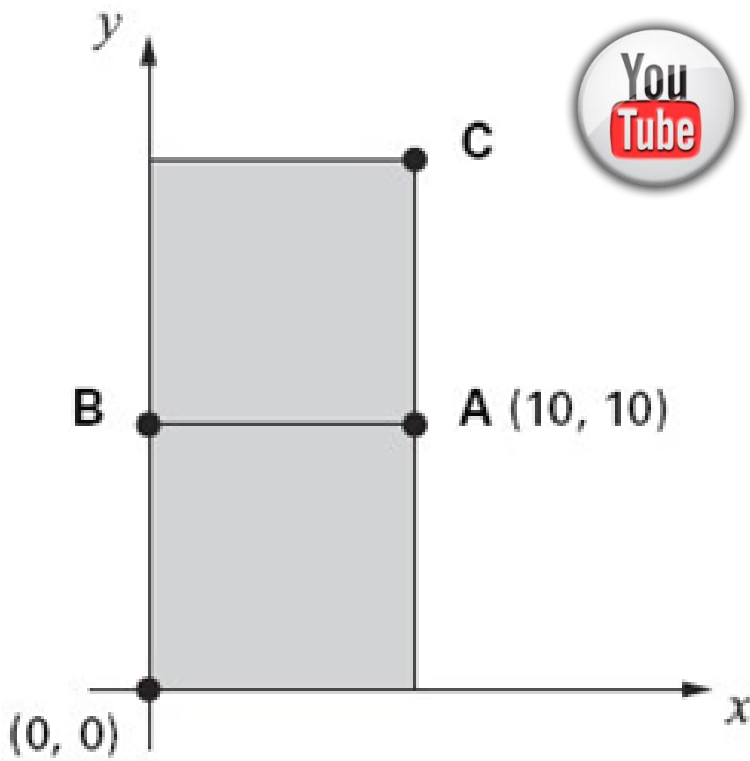


What are the coordinates of A and B?

A **(7, 13)** B (**17, 13**)

Q1

The diagram shows two identical squares



A is the point (10, 10)

What are the coordinates of B and C?



B is (0 , 10)



C is (10 , 20)

Q3. The shaded shape is an isosceles triangle. Write in the missing co-ordinate.

