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Arithmetic



Reasoning



Past Papers



One-A-Day



Puzzle Time



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COORDINATES

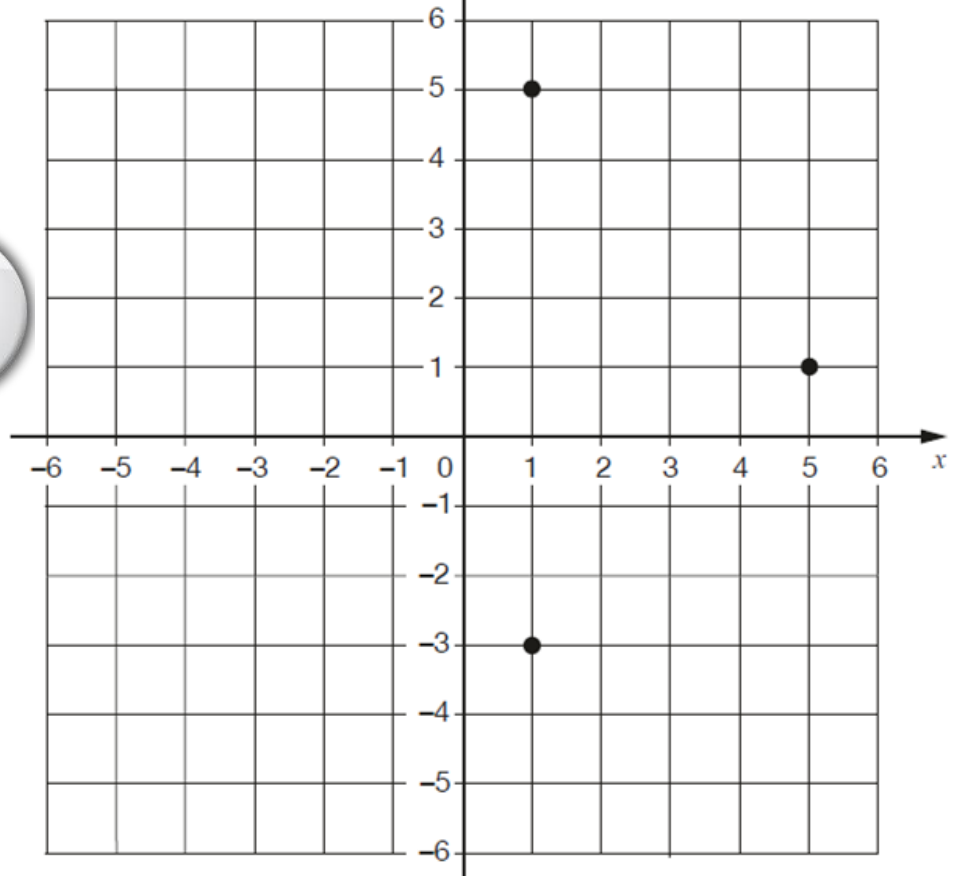
Help Code : 032

10

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



What are the coordinates of the missing vertex?



(,)

17

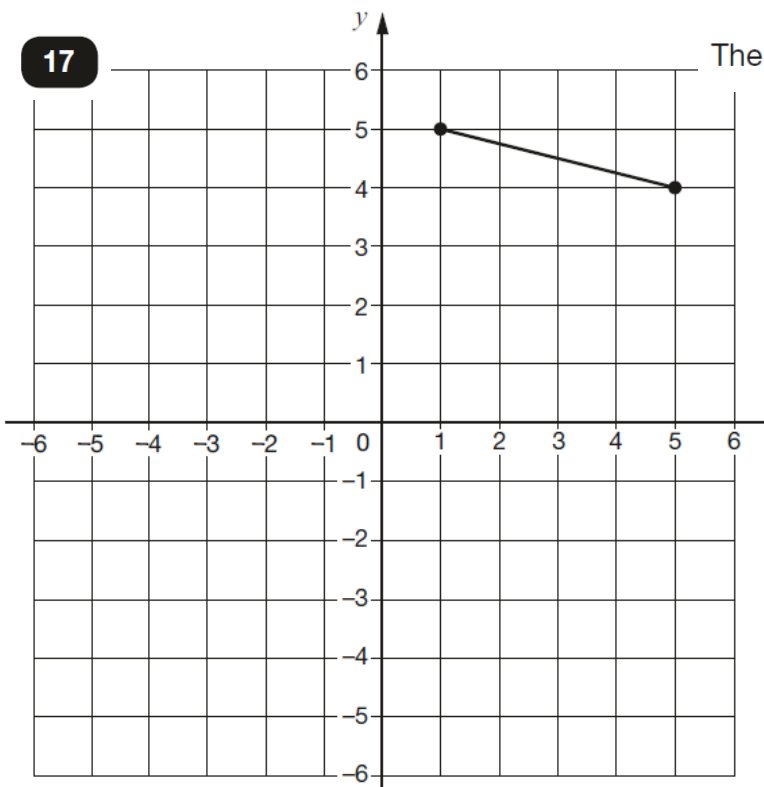
The vertices of a quadrilateral have these coordinates.

(1, 5)

(5, 4)

(1, -3)

(-3, 4)



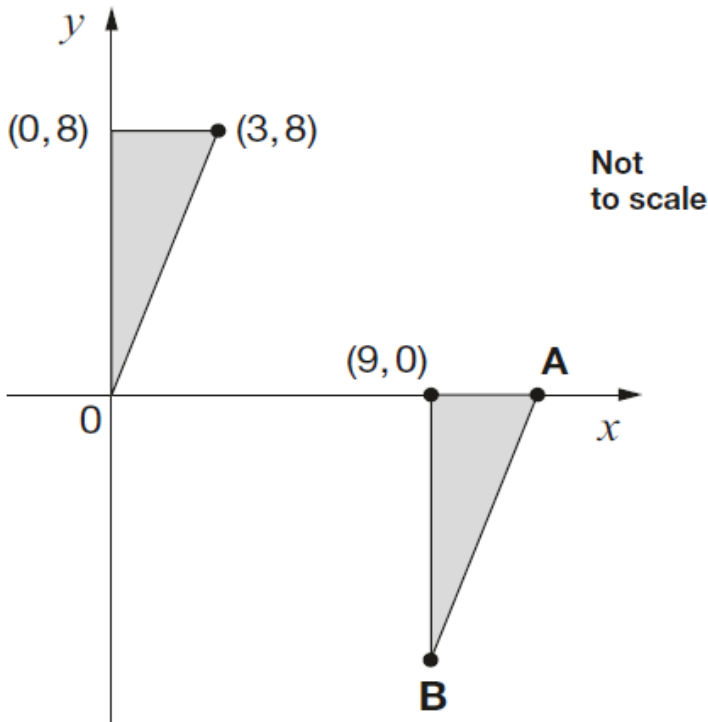
Complete the quadrilateral.

Use a ruler.



20

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



Write the coordinates of points A and B.

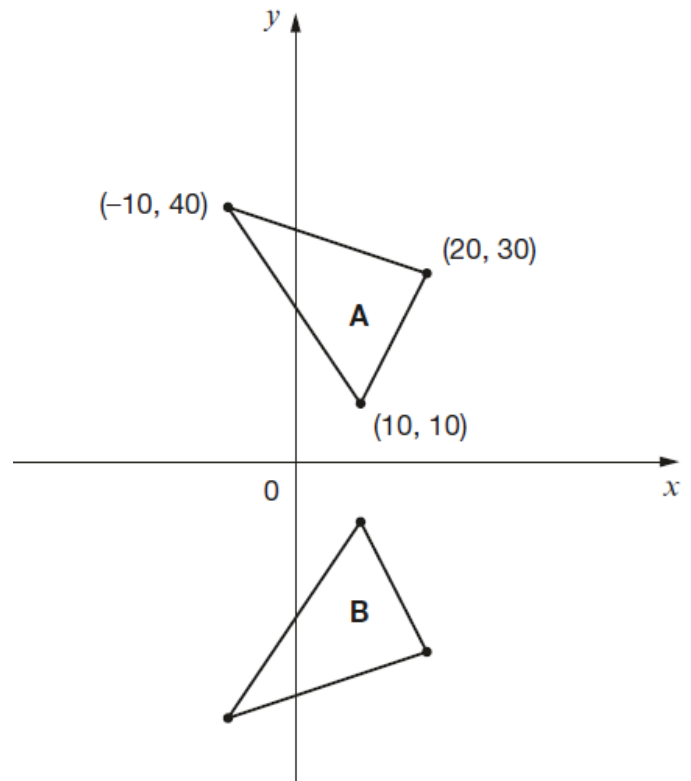


A = (,)

B = (,)

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).

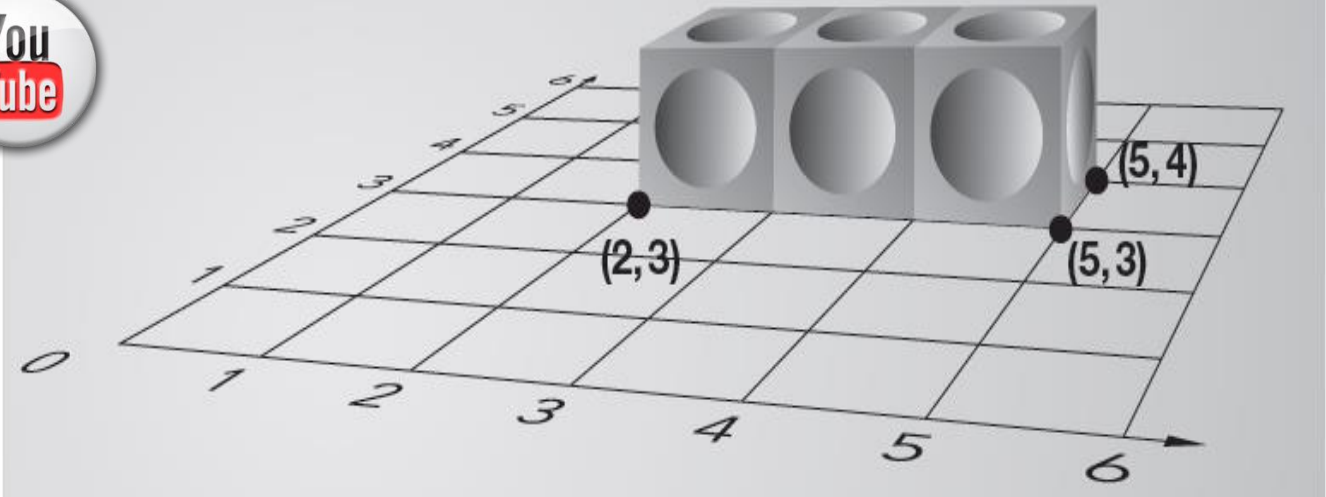
What are the coordinates of the **third** vertex of triangle B?



(,)

2013A KS2 Q13

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



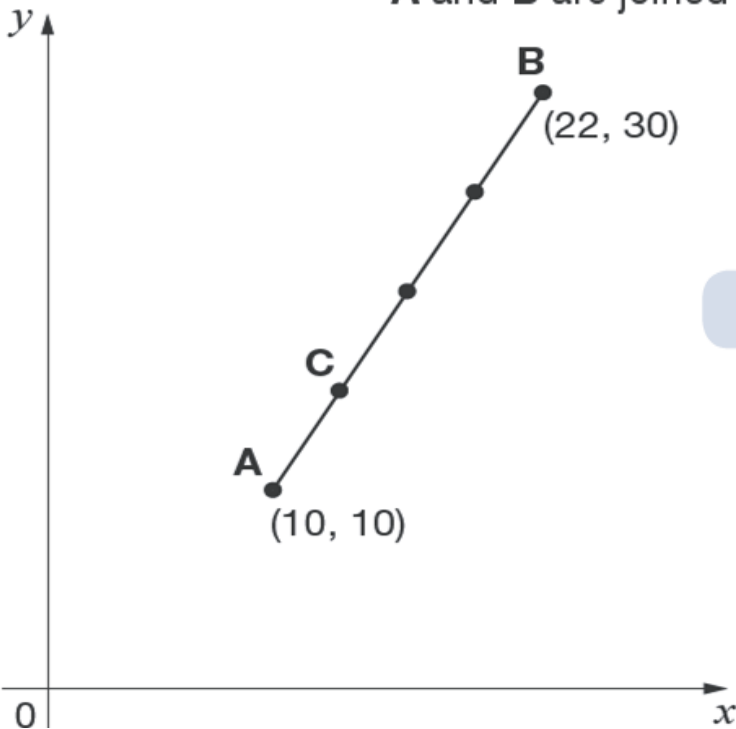
Complete this sentence:

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?

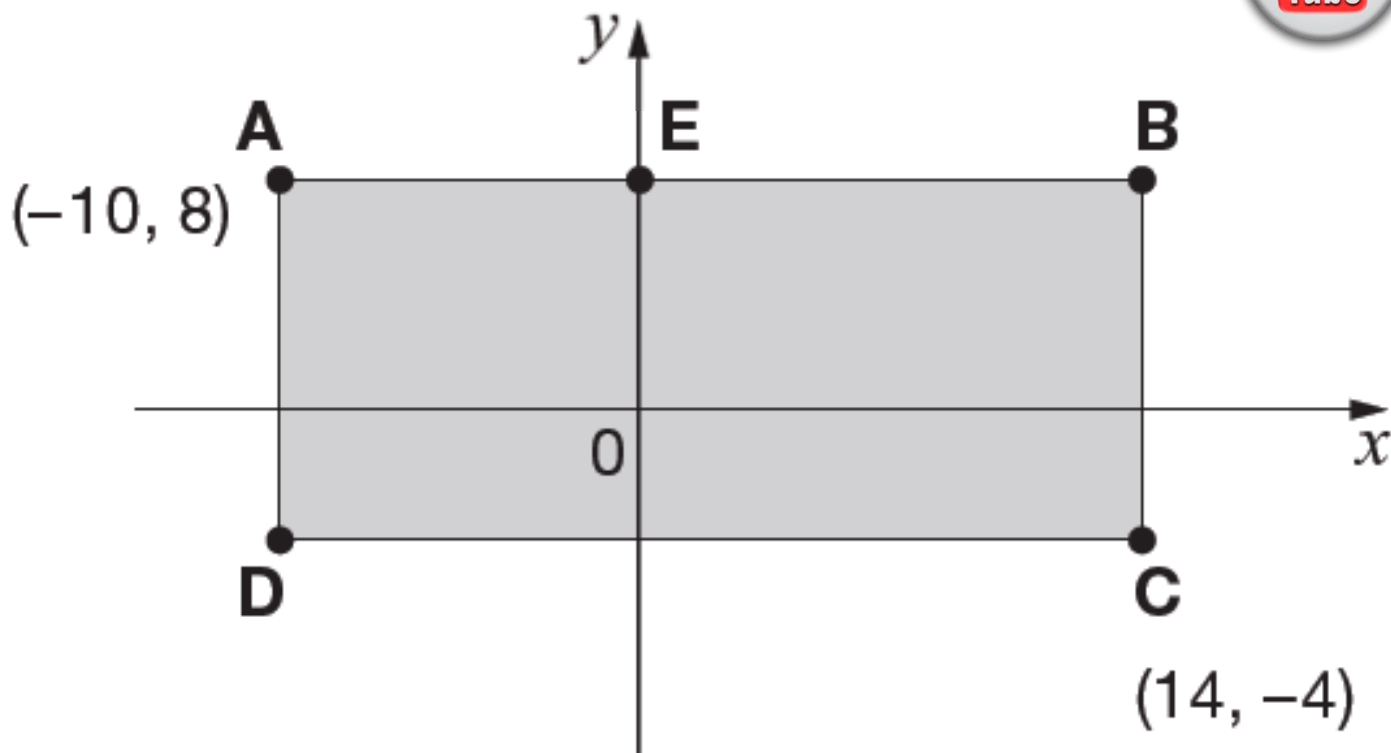


C is

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**?

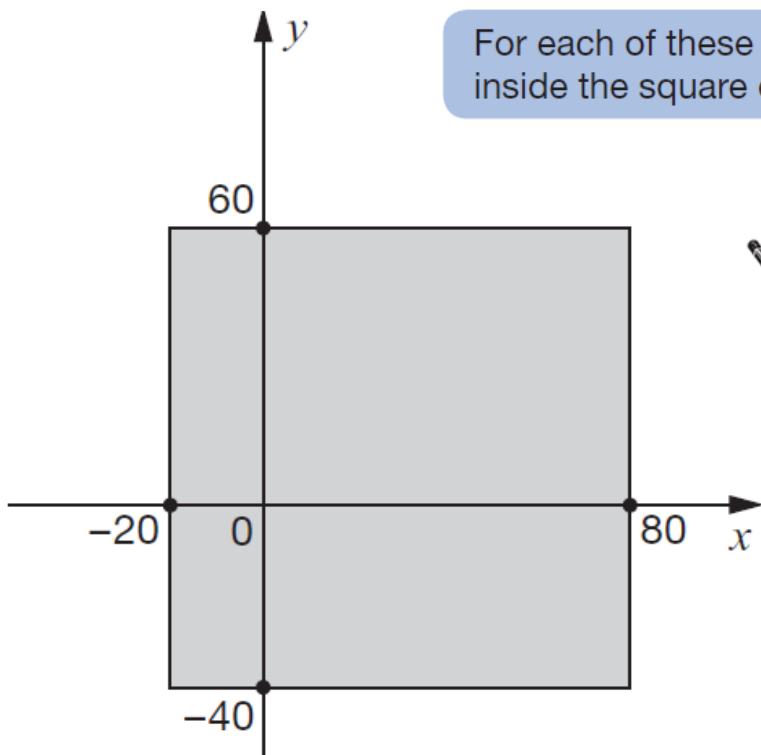
D is (,)

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)

(60, -30)

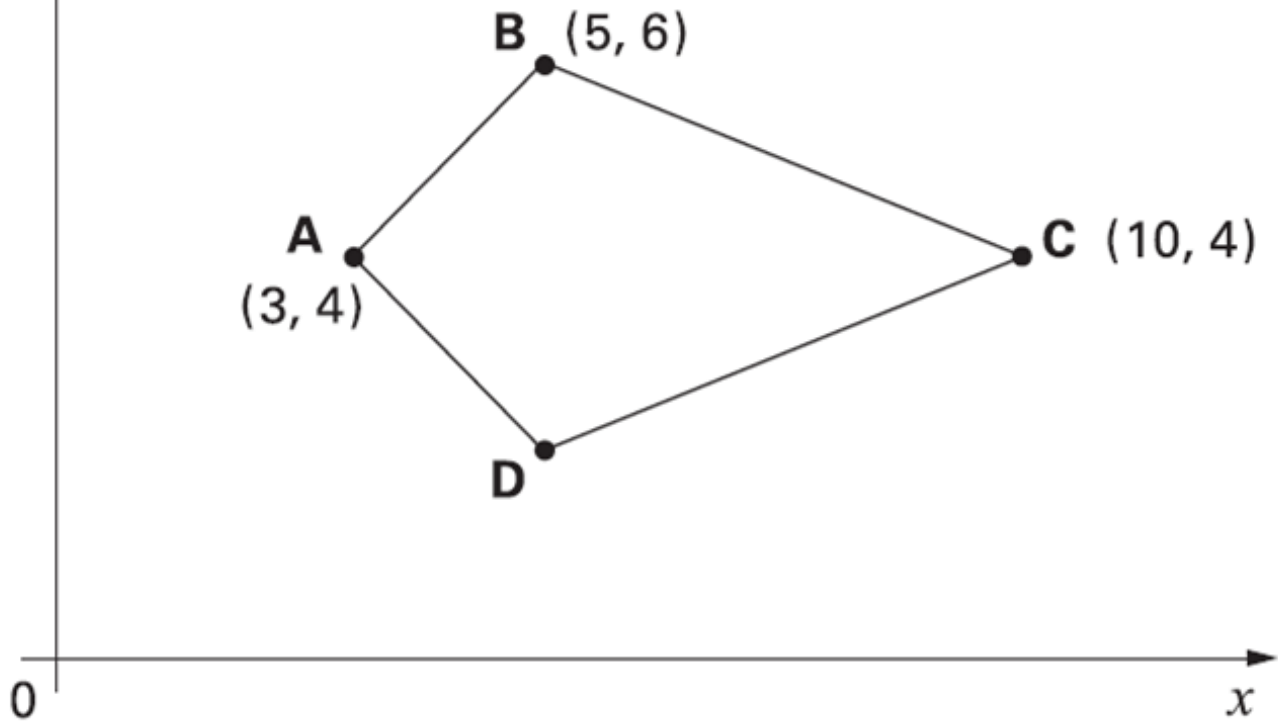
(-10, 50)

(-30, -30)

y

2004A KS2 Q20

Here is a kite.



Write the coordinates of point D.

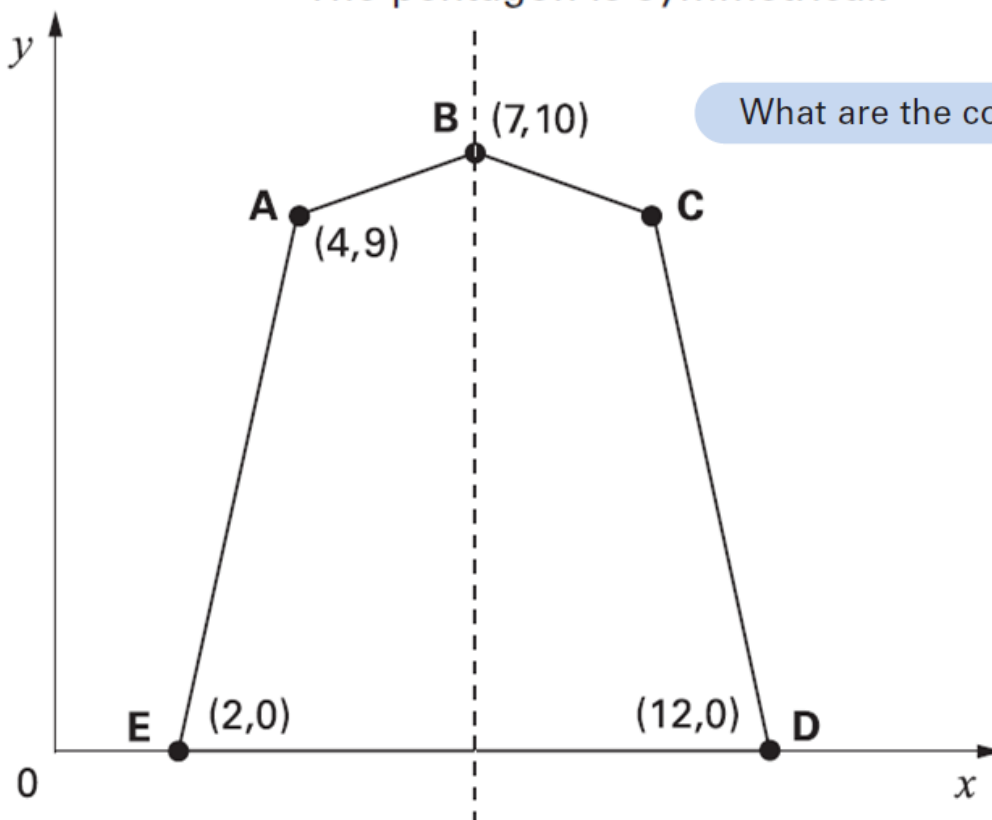


(,)

2003A KS2 Q23

Here is a pentagon drawn on a coordinate grid.

The pentagon is symmetrical.



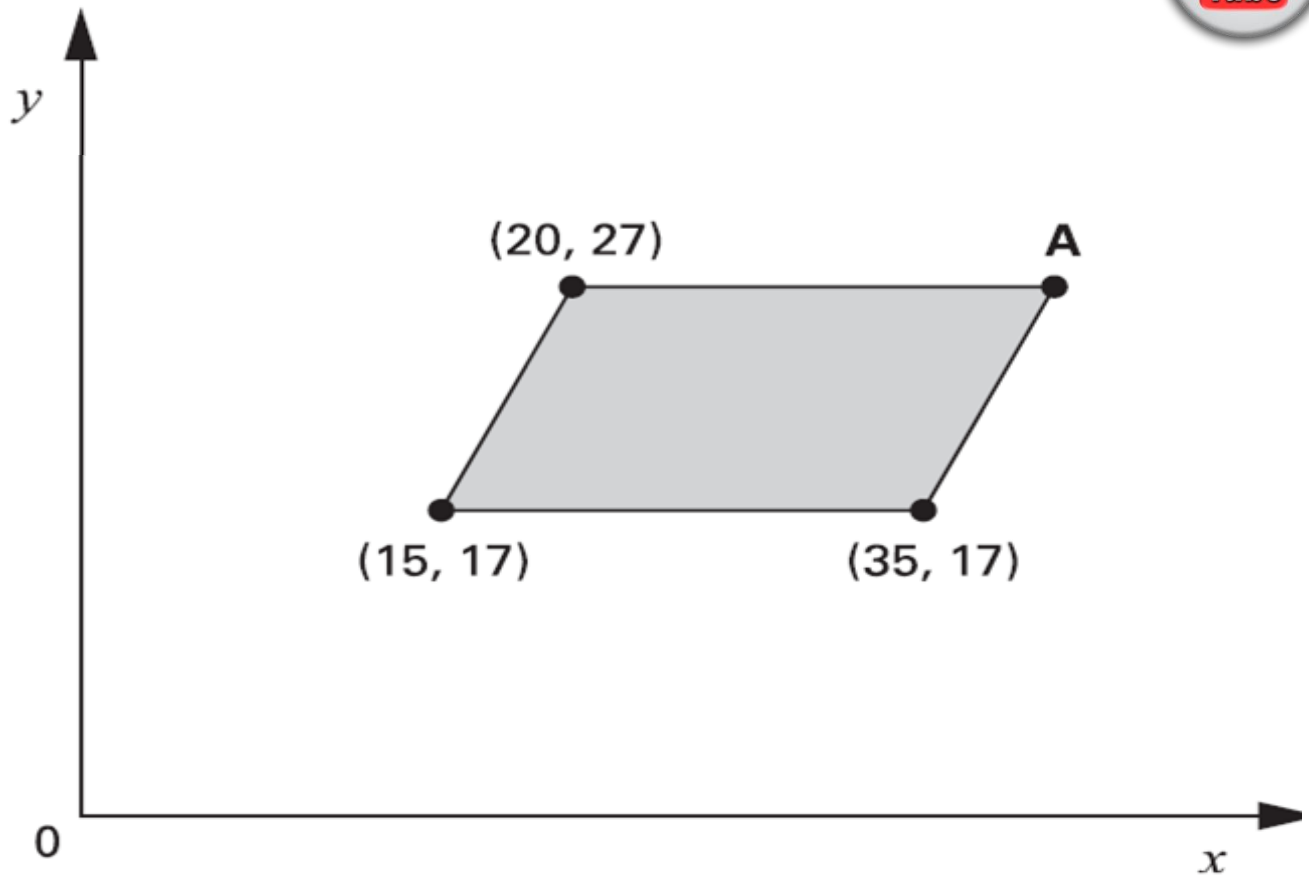
What are the coordinates of point C?



(,)

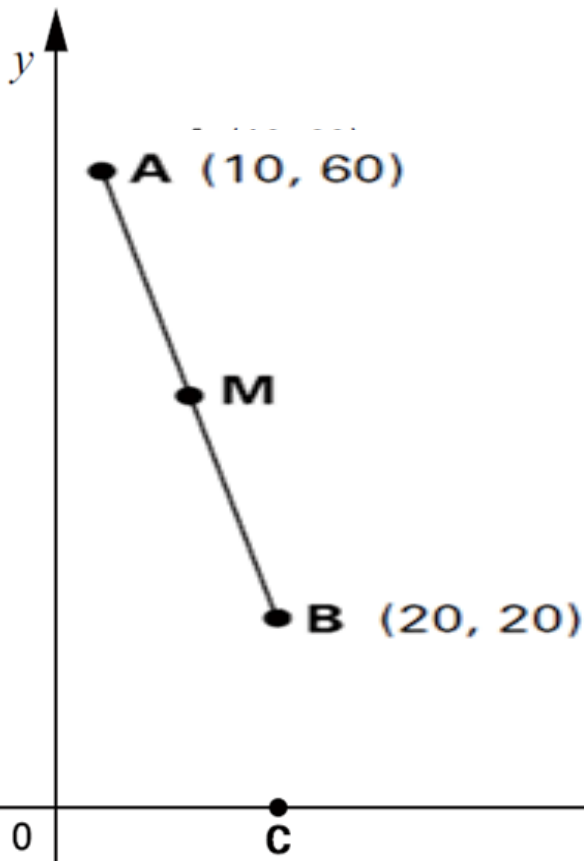


The shaded shape is a parallelogram.



Write in the coordinates of point A.





A is the point (10, 60)

B is the point (20, 20)

M is the midpoint of line AB.

Write the coordinates of M.

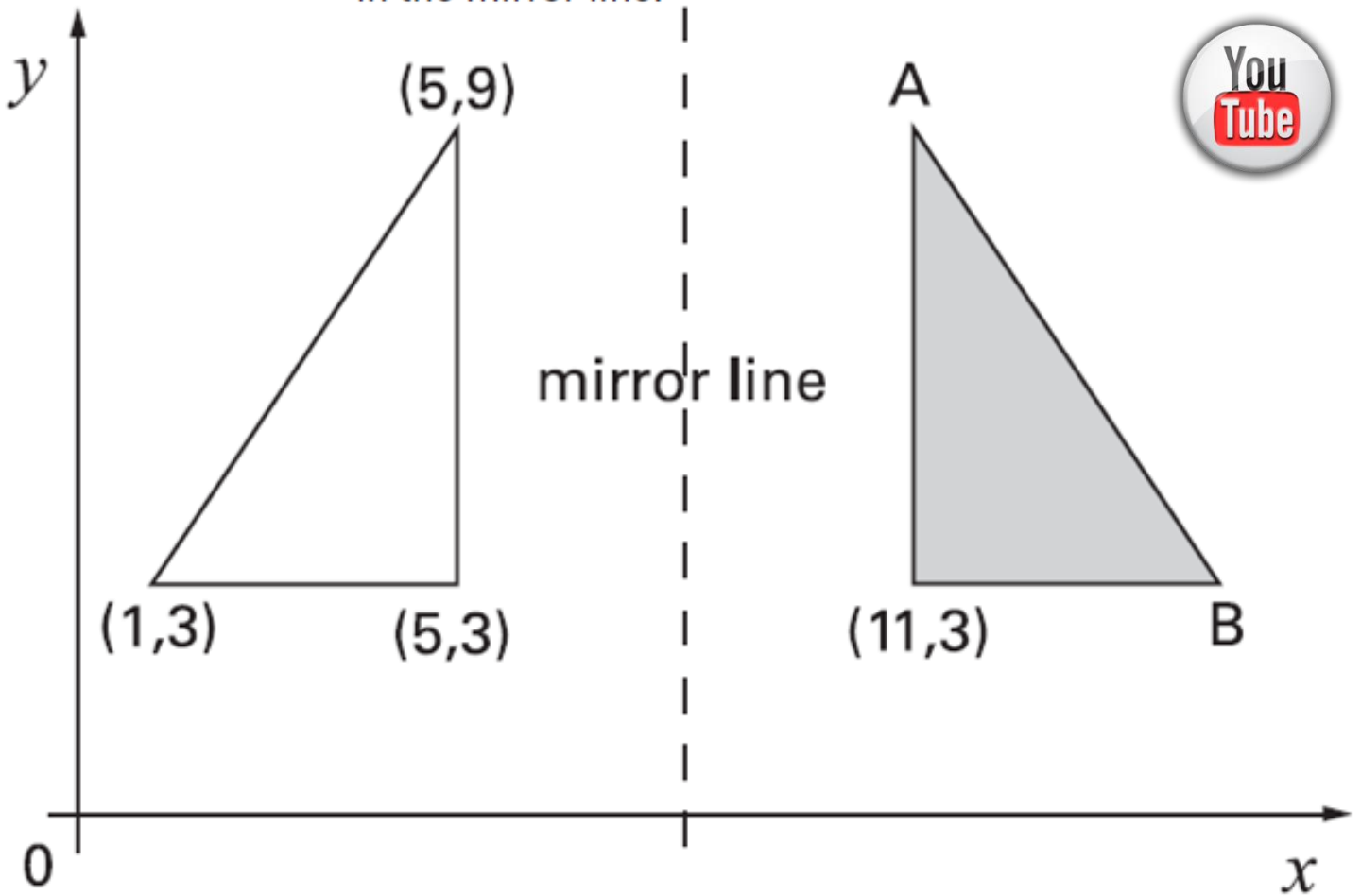


C is on the x -axis, directly below B.

Write the coordinates of C.



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

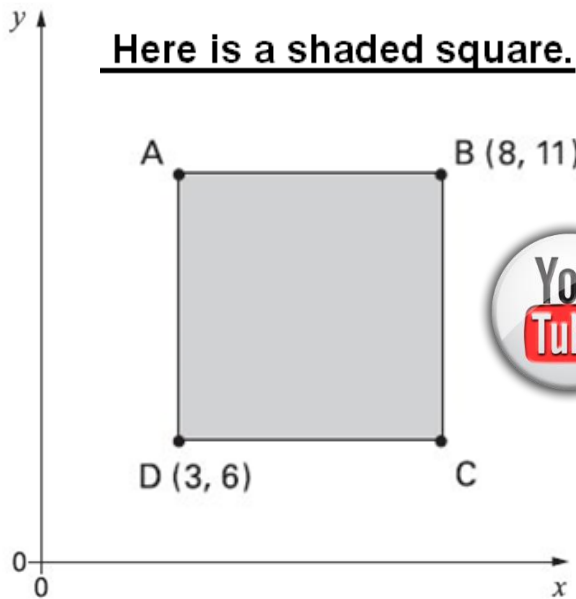


Write the **co-ordinates** of point **A** and point **B**.

A is

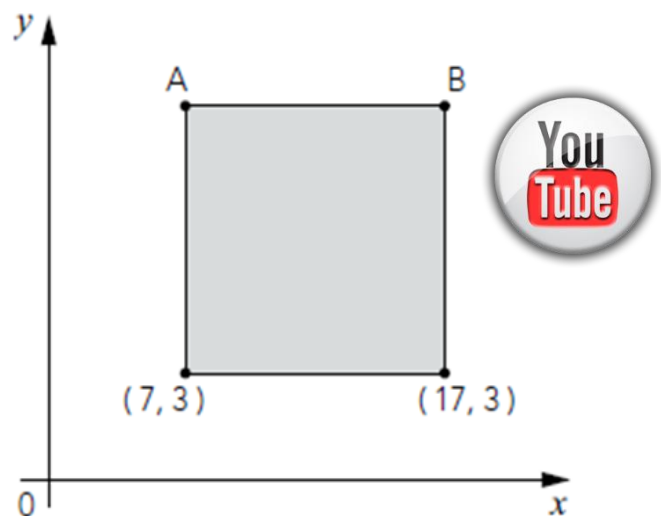
B is

Q5



Write the coordinates for point **A**.

Q8. The shaded shape is a square.



What are the coordinates of A and B?

A (.....,)

B (.....,)

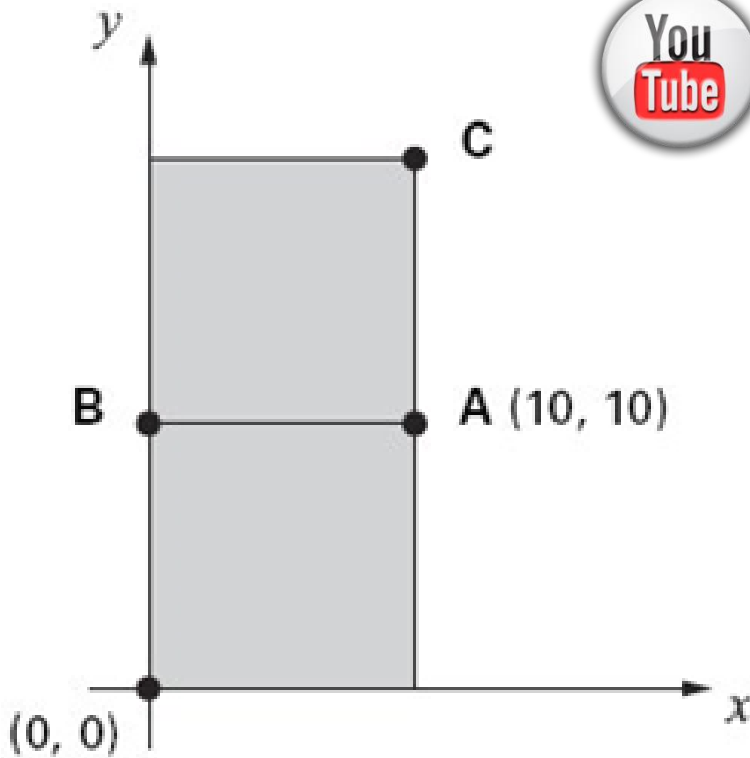
Q1

The diagram shows two identical squares



A is the point (10, 10)

What are the coordinates of B and C?



B is (,)

C is (,)

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

