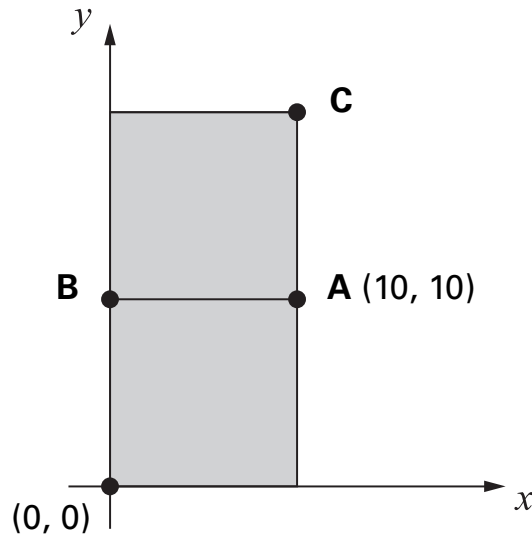


1

The diagram shows two identical squares.

[2005]



A is the point (10, 10)

What are the coordinates of B and C?



B is

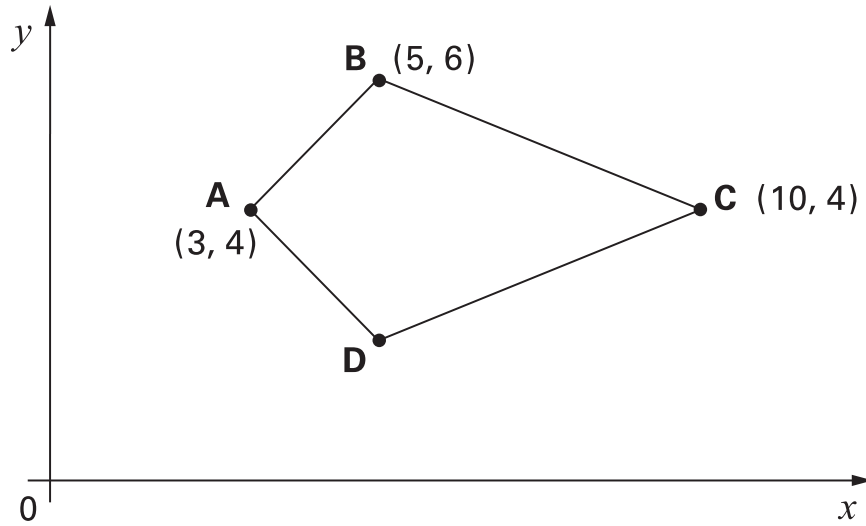
C is

[2 marks]

**2**

Here is a kite.

[2004]



Write the coordinates of point D.

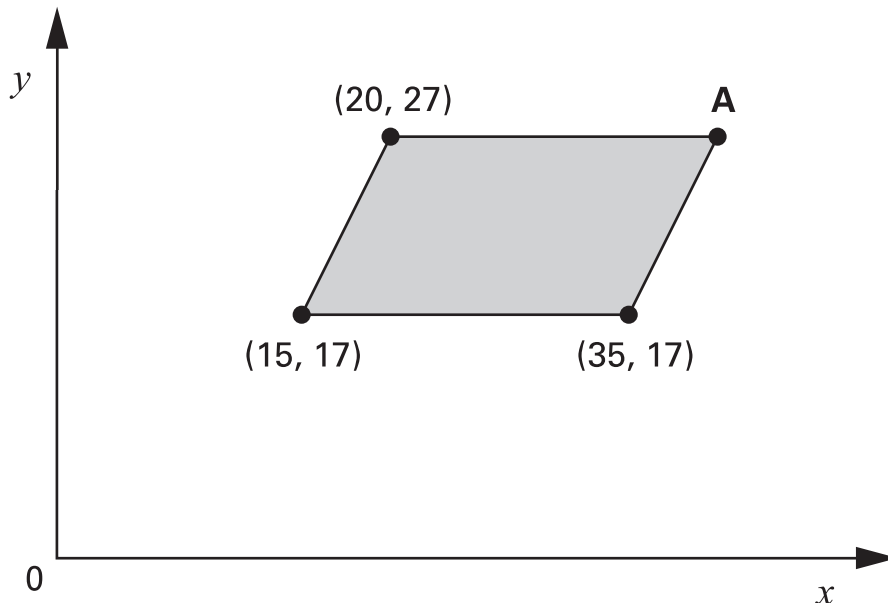


[1 mark]

**3**

The shaded shape is a parallelogram.

[2002]



Write the coordinates of point A.



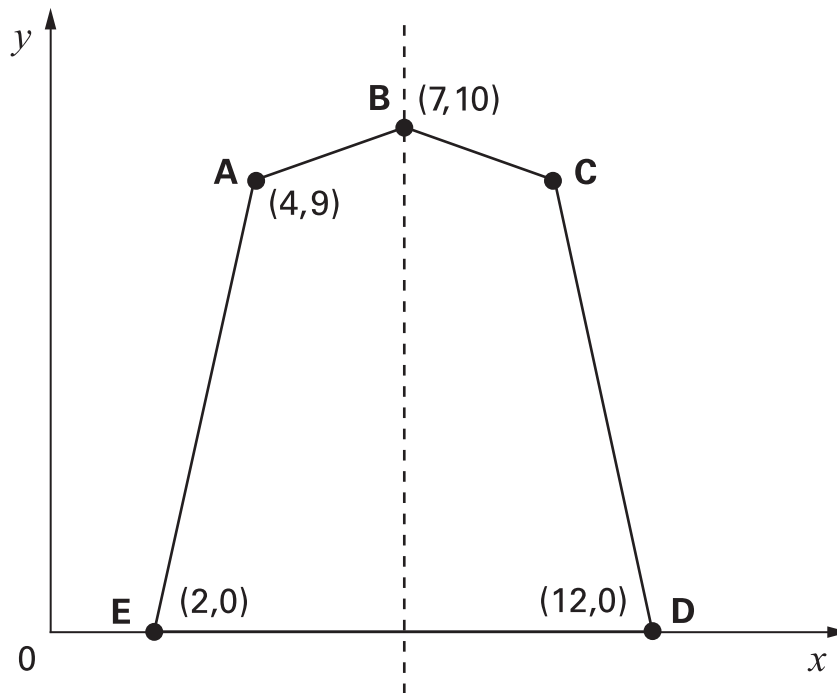
[1 mark]

**4**

Here is a pentagon drawn on a coordinate grid.

[2003]

The pentagon is symmetrical.



Write the coordinates of point C.

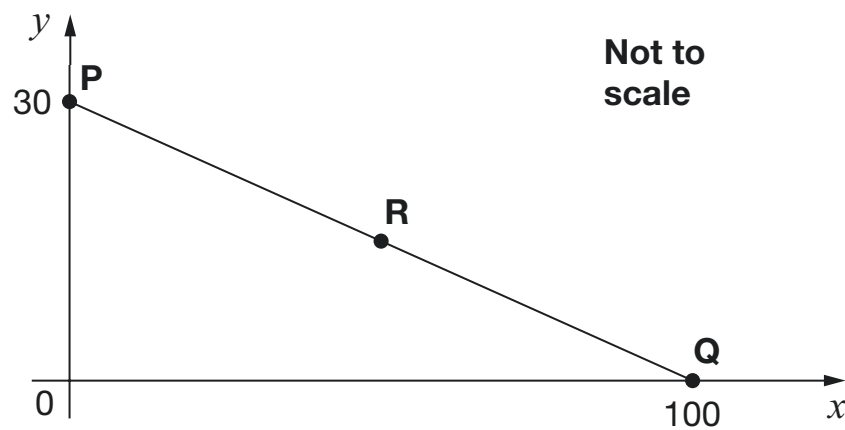



[1 mark]

**5**

In this diagram R is an equal distance from P and Q.

[2015]



What are the coordinates of point R.

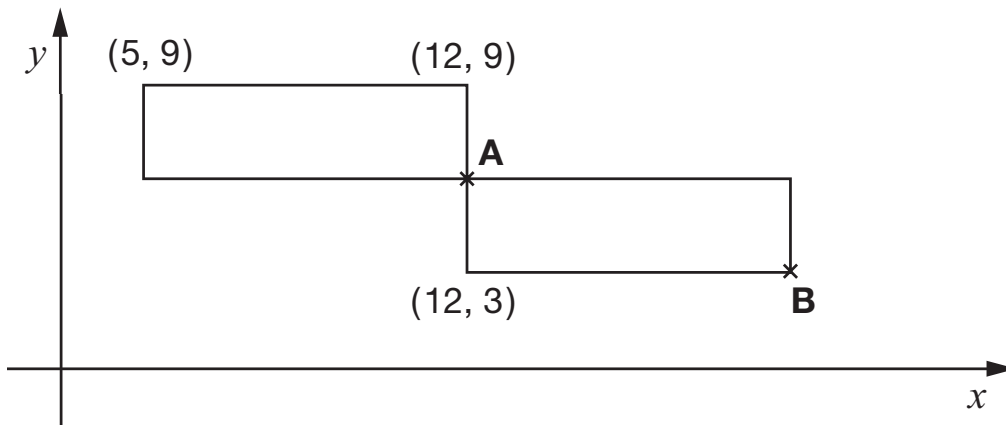



[1 mark]

**6**

This diagram shows two identical rectangles on coordinate axes.

[2014]



Write the coordinates of point **A** and point **B**.

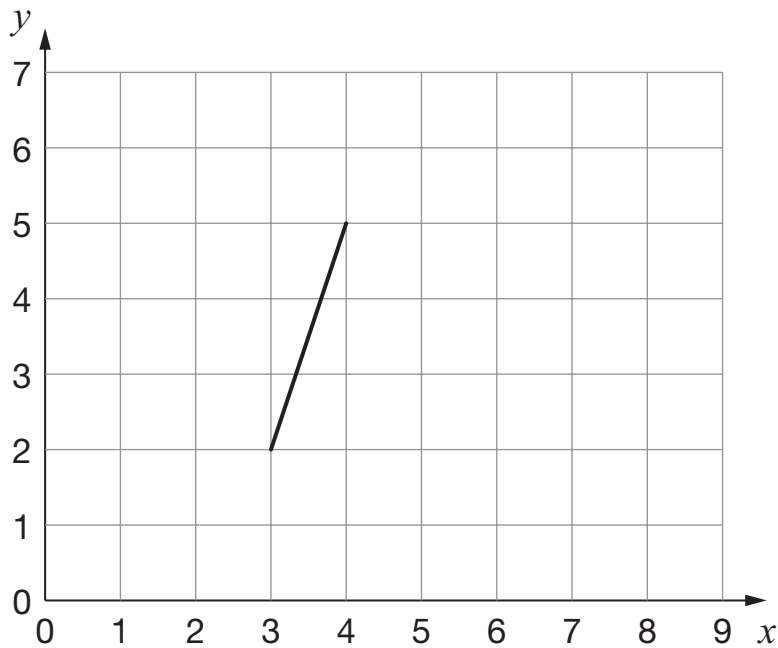
**A** is ( \_\_\_\_\_ , \_\_\_\_\_ )      **B** is ( \_\_\_\_\_ , \_\_\_\_\_ )

[2 marks]

**7**

Here is one side of a square drawn on a coordinate grid.

[2010]

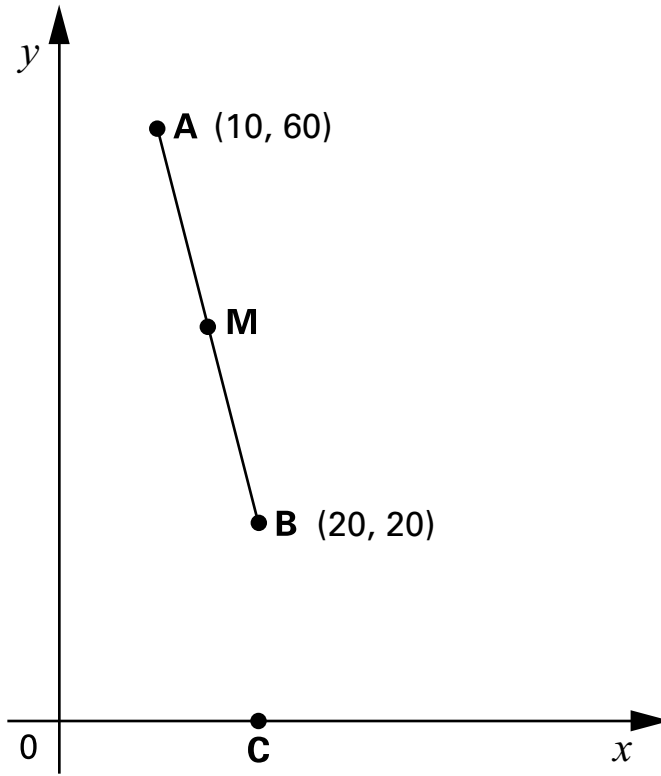


The square has a vertex at (6, 1).

Draw the other three sides of the square on the grid.

Use a ruler.

[1 mark]




**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**.

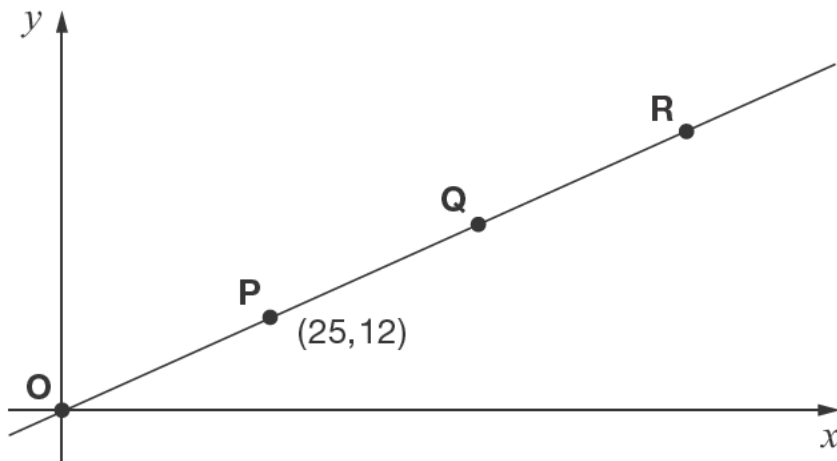


[2 marks]

**9**

Here is a line on coordinate axes.

[2012]

Points **O**, **P**, **Q** and **R** are equally spaced.The coordinates of **P** are (25, 12).What are the coordinates of **R**?

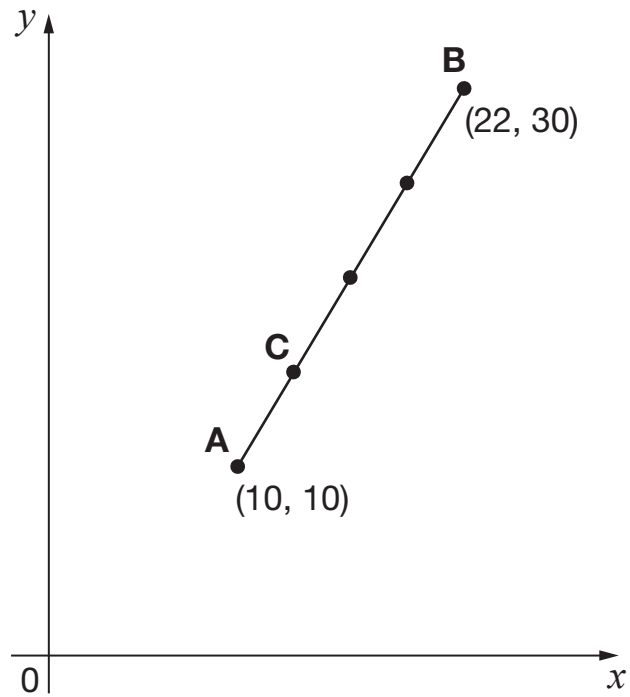
 **R** =

[1 mark]

10


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

[2011]



The dots on the line are equally spaced.

What are the coordinates of C?

 C is

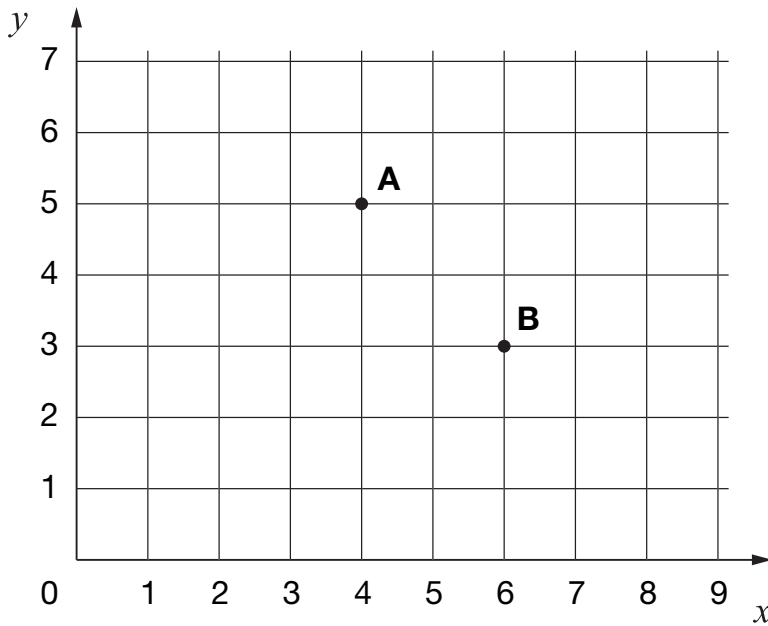
[1 mark]

11

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

[2006]

A and B are shown on the grid.



D is the point (3, 4)

Write the coordinates of point C.

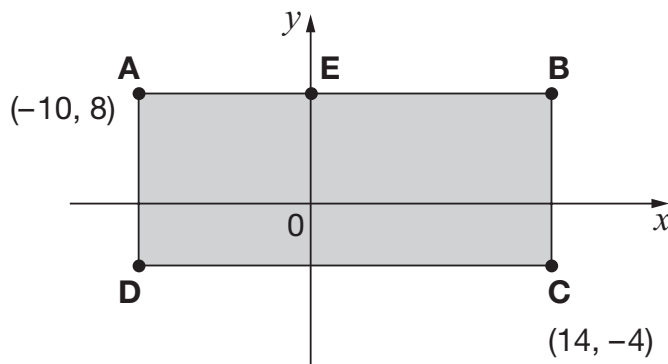
[1 mark]

12

ABCD is a rectangle drawn on coordinate axes.

[2009]

The sides of the rectangle are parallel to the axes.



What are the coordinates of D and E?

D is

E is

[2 marks]



13

The vertices of a quadrilateral have these coordinates.

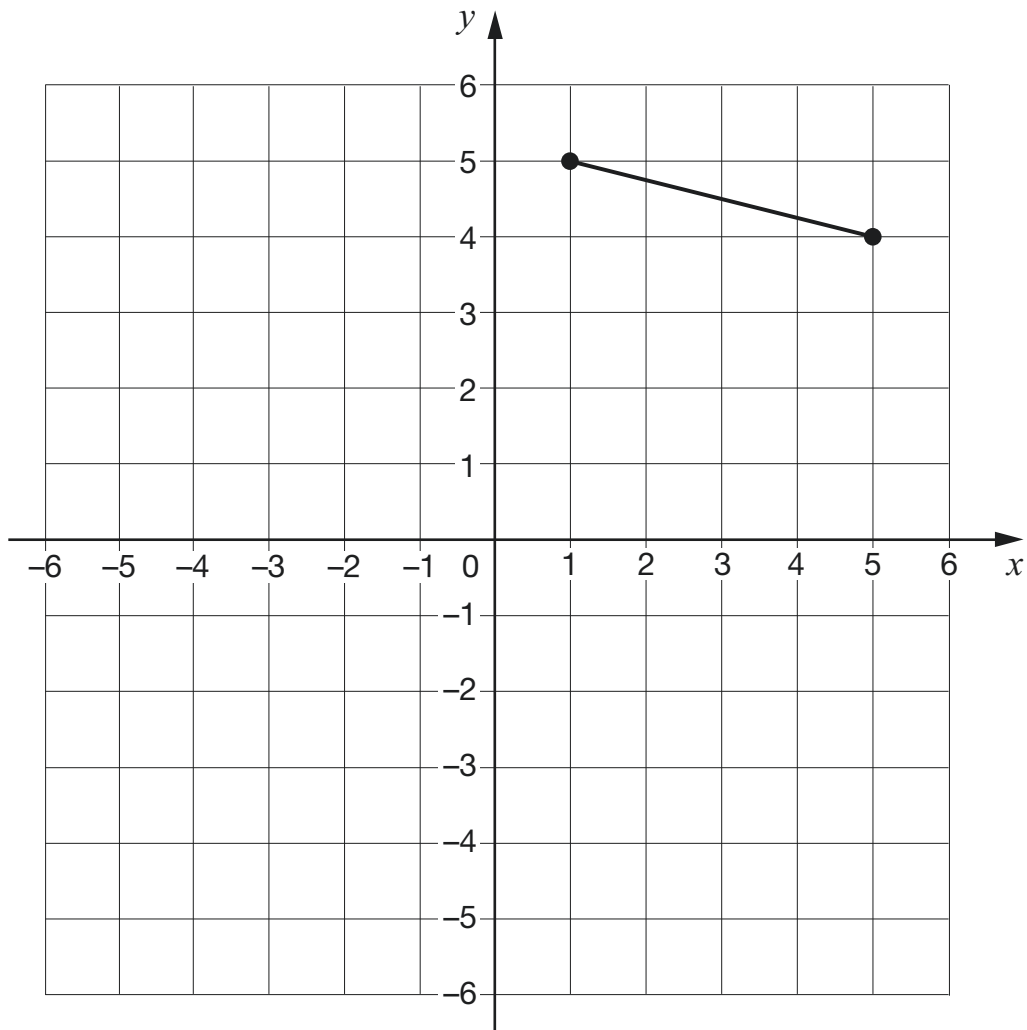
[2017]

(1, 5)      (5, 4)      (1, -3)      (-3, 4)

One side of the quadrilateral has been drawn on the grid.

Complete the quadrilateral.

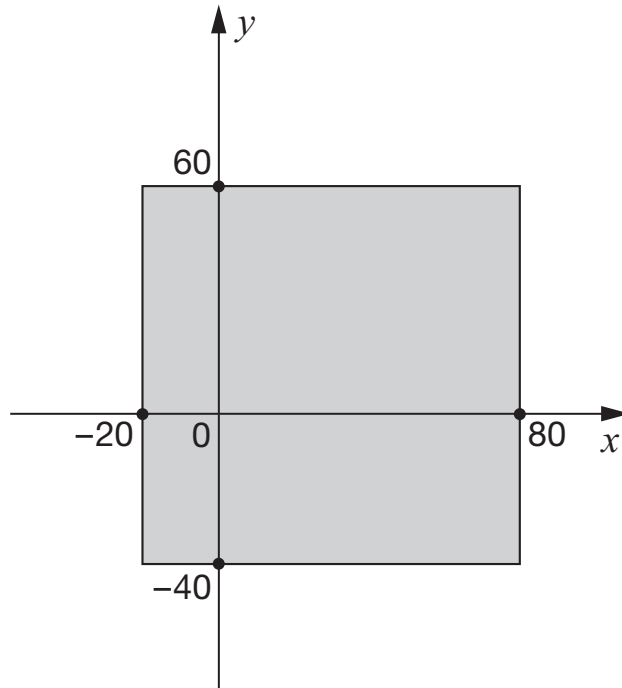
Use a ruler.




[1 mark]

Here is a shaded square on  $x$  and  $y$  axes.

[2007]



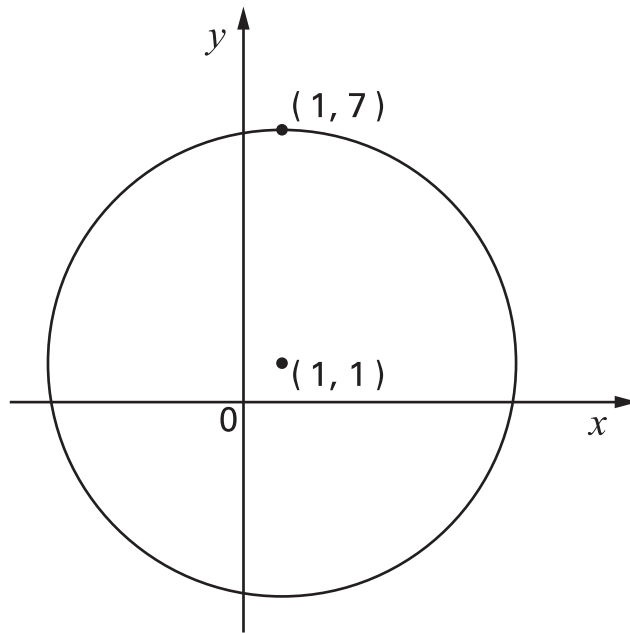
For each of these points, put a tick (✓) to show if it is inside the square or outside the square.

	inside the square	outside the square
 (50, 70)	<input type="checkbox"/>	<input type="checkbox"/>
(60, -30)	<input type="checkbox"/>	<input type="checkbox"/>
(-10, 50)	<input type="checkbox"/>	<input type="checkbox"/>
(-30, -30)	<input type="checkbox"/>	<input type="checkbox"/>

[2 marks]

Here is a circle with its **centre** at the point  $(1, 1)$

The point  $(1, 7)$  is on the circumference of the circle.



For each of these points, put a tick ( $\checkmark$ ) to show if it is **inside** the circle, **on** the circle or **outside** the circle.

One has been done for you.



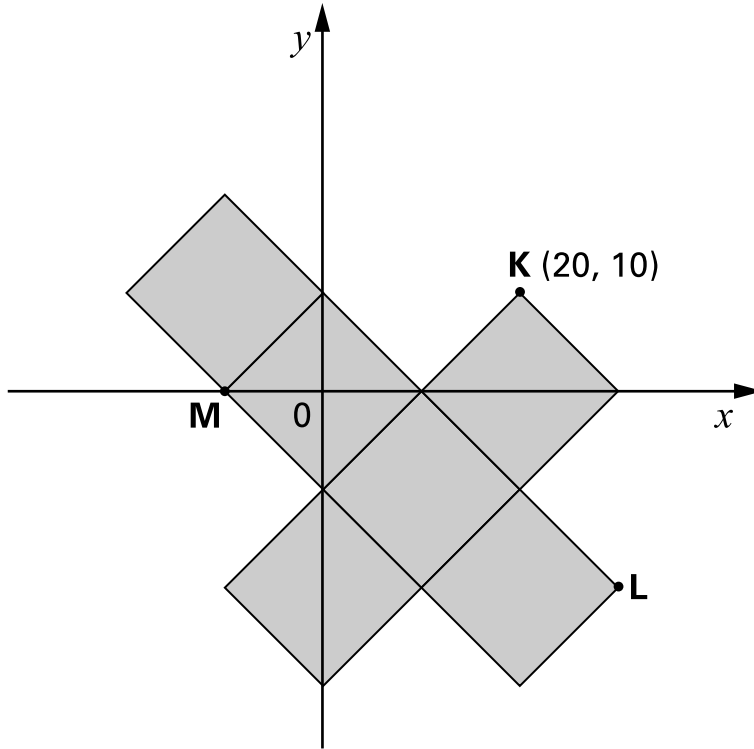
	<b>inside</b> the circle	<b>on</b> the circle	<b>outside</b> the circle
$(3, 7)$			$\checkmark$
$(7, 1)$			
$(1, -7)$			
$(-2, -2)$			

[2 marks]

16

The diagram shows **6 shaded squares**.

[2001]



**K** is the point **(20, 10)**

What are the coordinates of **L** and **M**?



L is

M is

[2 marks]