

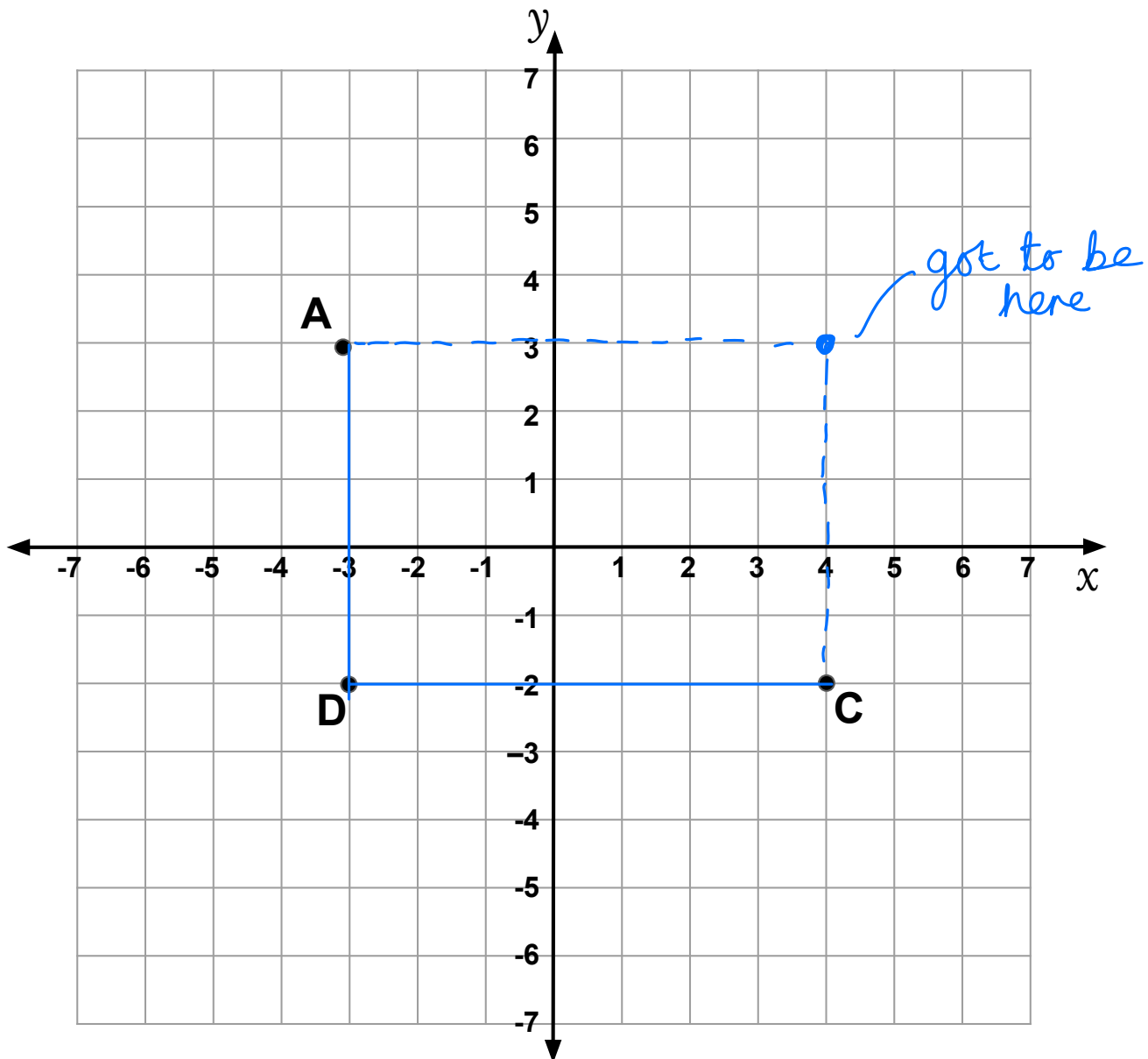
## Key Stage 2

# Coordinates

First name						
Middle name						
Last name						
Date of birth	Day		Month		Year	
School name						
DFE number						

1

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



What are the coordinates of point B ?

$$B = (4, 3)$$

2 marks

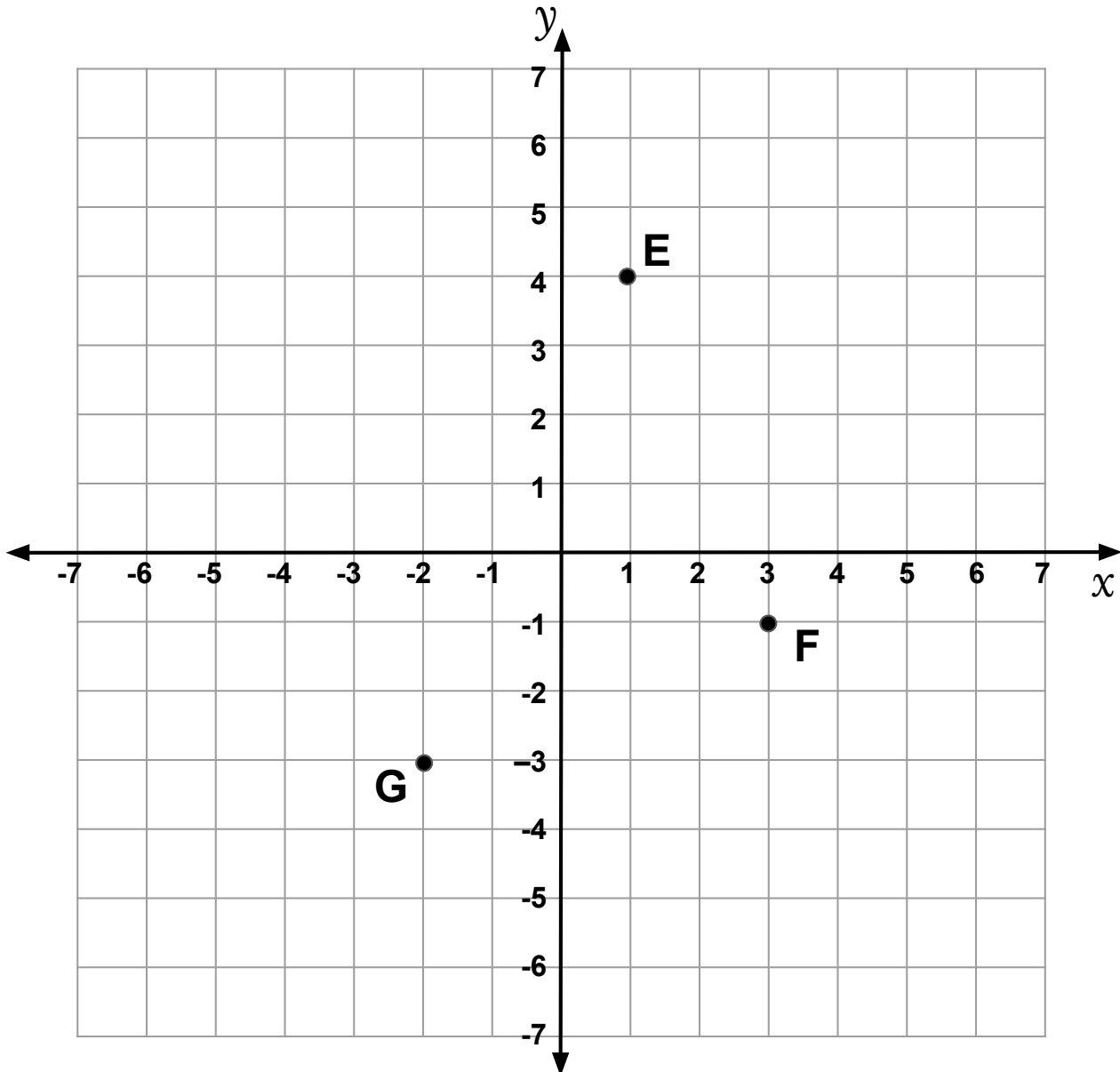
x axis first

y axis

2

E, F, G and H are the vertices of a square.

E is at (1,4); F is at (3,-1) and G is at (-2,-3).



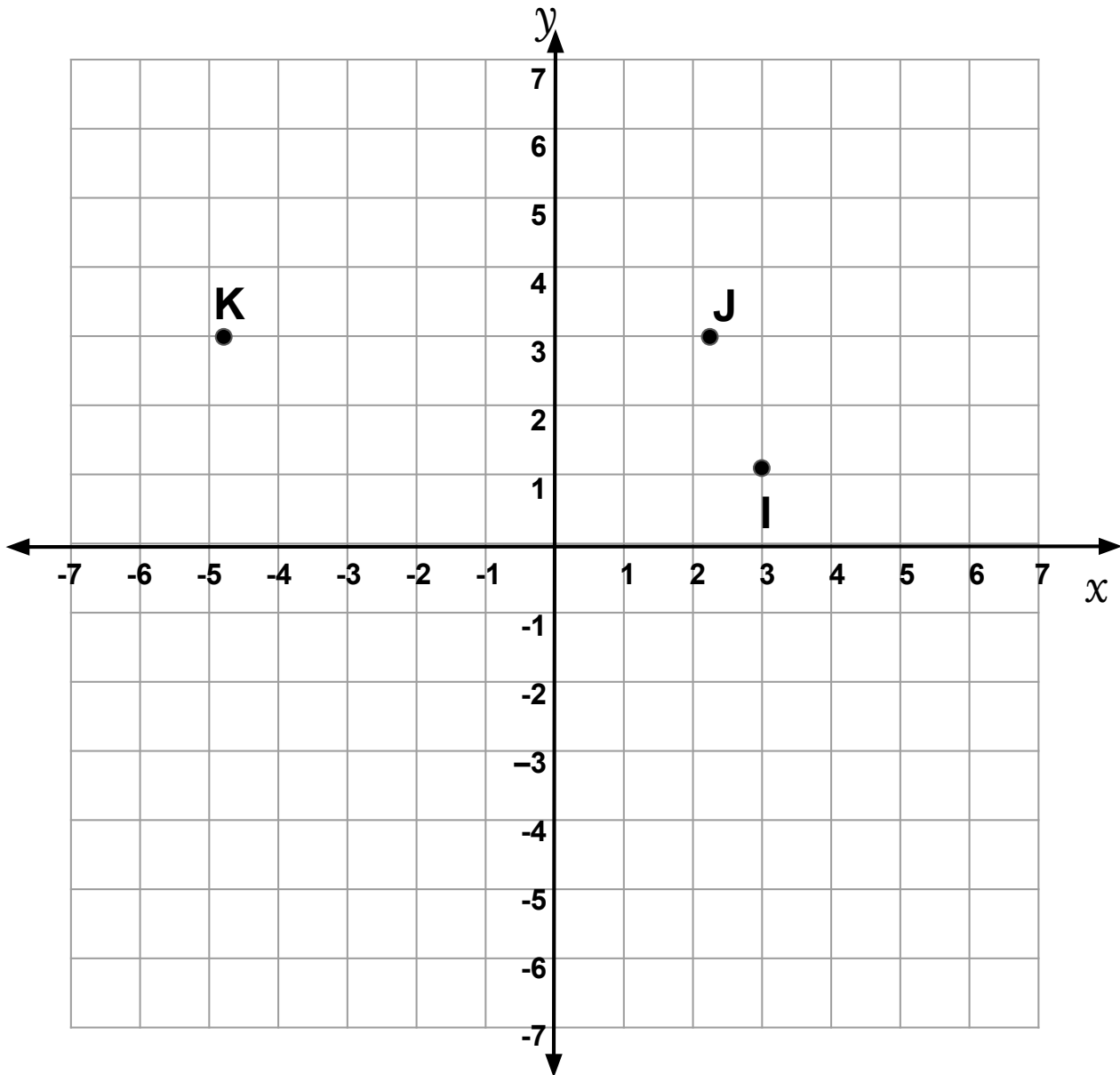
What are the coordinates of point H ?

H = (     ,     )

2 marks

3

I, J, K and L are the vertices of a parallelogram.



What are the coordinates of point L ?

$L = ( \quad , \quad )$

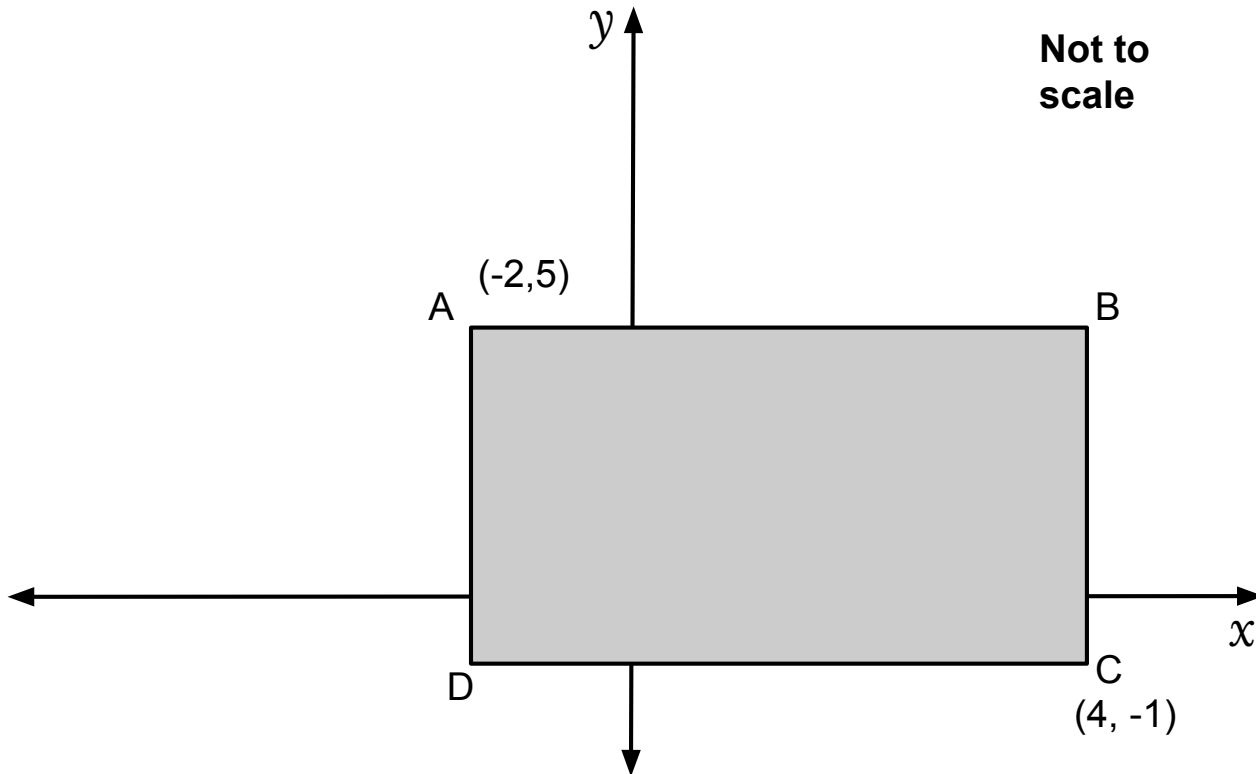
2 marks

4

ABCD is a rectangle.

Point A has coordinates  $(-2, 5)$

Point C has coordinates  $(4, -1)$



What are the coordinates of points B and D?

**B = (     ,     )**

**D = (     ,     )**

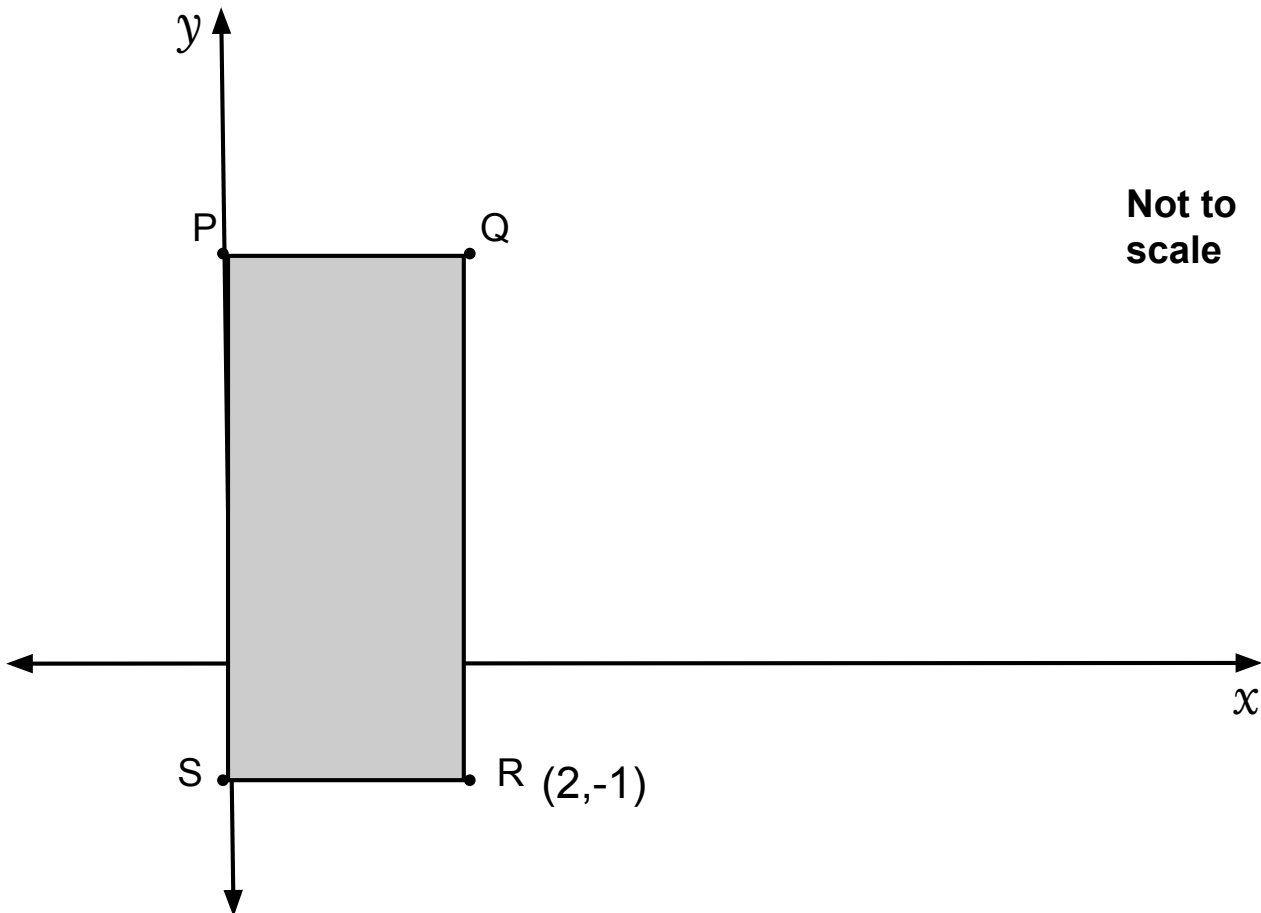
2 marks

5

PQRS is a rectangle whose height is exactly **twice** its width.

One edge of the rectangle sits along the y-axis.

Point R has coordinates (2,-1)



What are the coordinates of point Q ?

$Q = ( \quad , \quad )$

2 marks

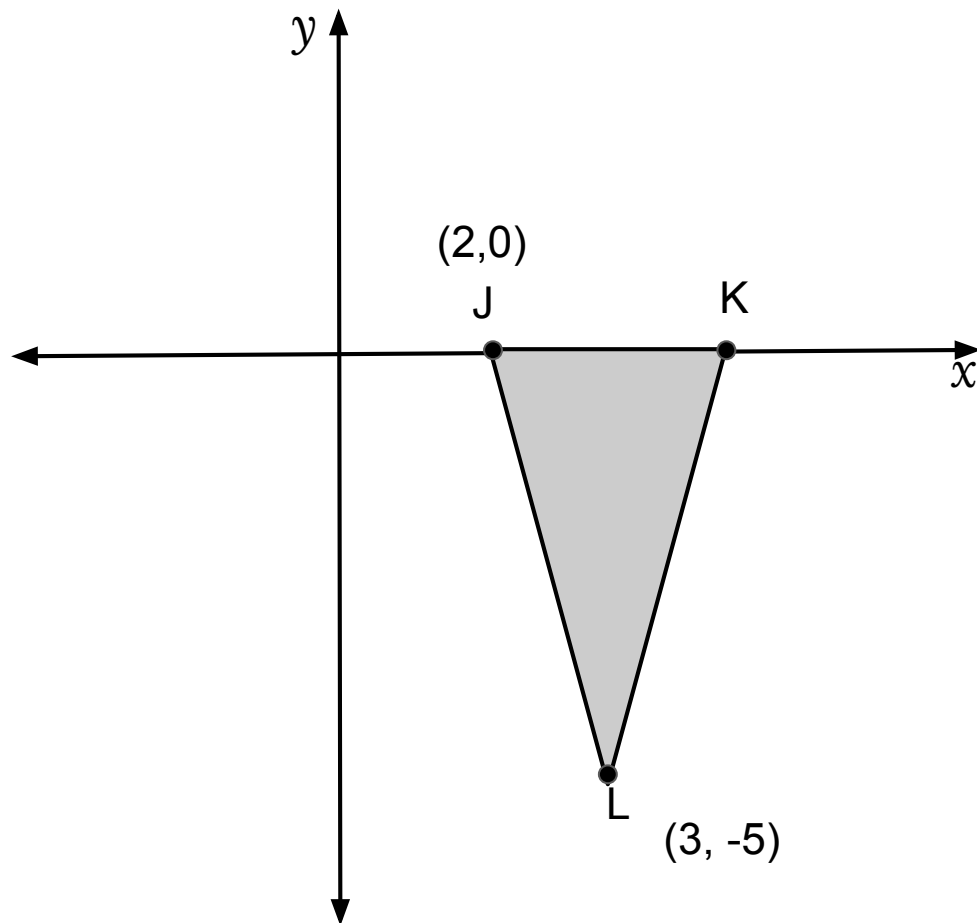
6

JKL is an isosceles triangle.

Point J has coordinates (2,0)

Point L has coordinates (3, -5)

Not to  
scale



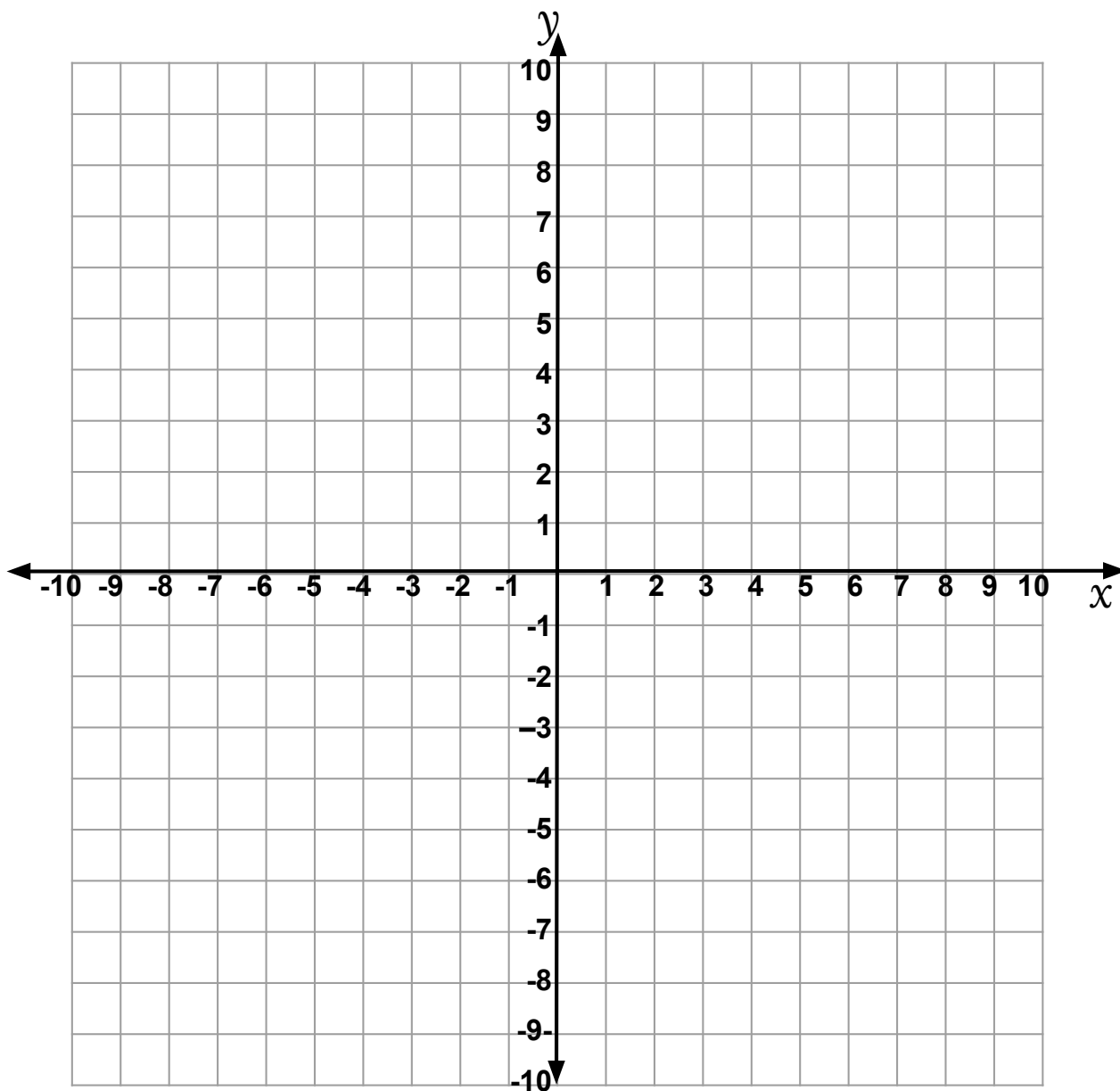
What are the coordinates of point K ?

**K = (     ,     )**

1 mark

**7**

Use a ruler to join these points in order:

**(a)**  $(-10,2)$   $(-10,7)$   $(-8,4)$   $(-6,7)$   $(-6,2)$ **(b)**  $(-5,2)$   $(-4,7)$   $(-3,2)$ **(c)**  $(-5,4)$   $(-3,4)$ **(d)**  $(1,2)$   $(1,7)$   $(-1,7)$   $(3,7)$ **(e)**  $(4,1)$   $(4,7)$   $(4,4)$   $(6,4)$   $(6,7)$   $(6,1)$ **(f)**  $(10,7)$   $(7,5)$   $(10,4)$   $(7,2)$ 

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4 marks