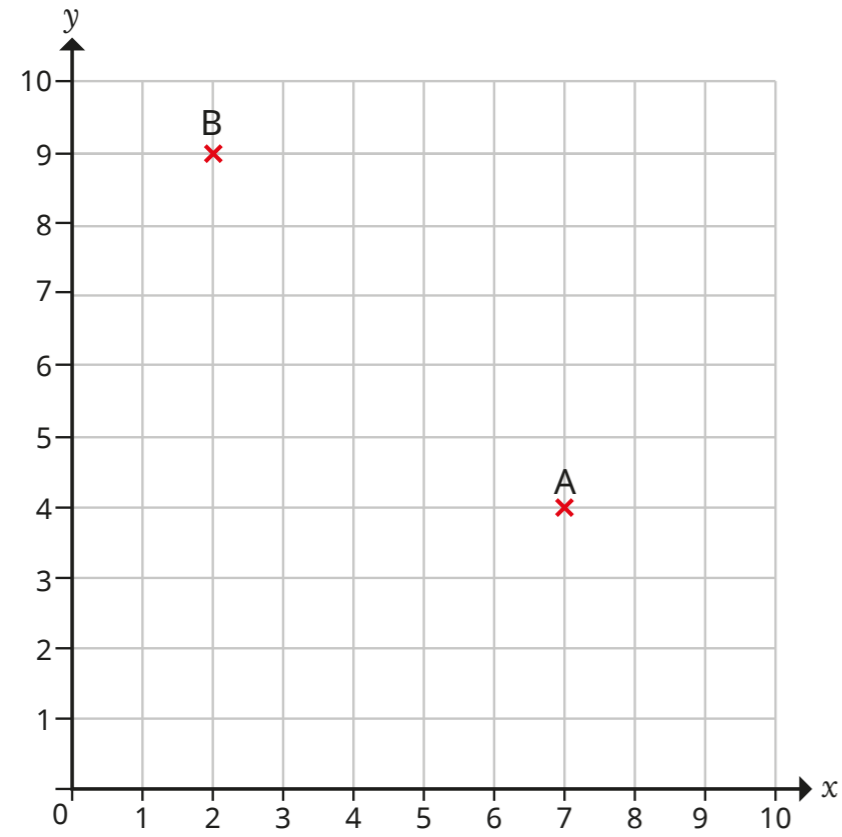
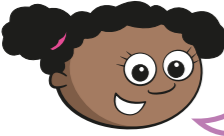


# Read and plot coordinates

1 Two points have been plotted on the coordinate grid.




a) Whitney and Jack are working out the coordinates of point A.



Whitney

The coordinates of point A are (7, 4).



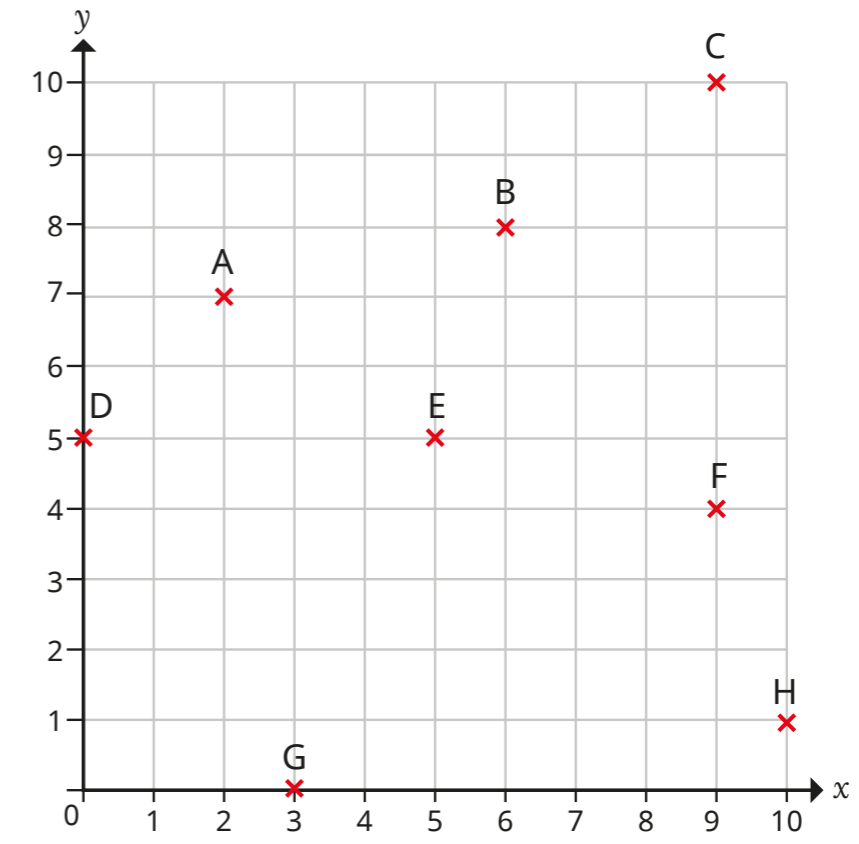
Jack

The coordinates of point A are (4, 7).

Who do you agree with? \_\_\_\_\_  
 Talk about it with a partner.

b) Write the coordinates of point B. (  ,  )

2 Eight points have been plotted on the coordinate grid.



a) Write the coordinates of each point.

- |   |   |
|---|---|
| A ( <input type="text"/> , <input type="text"/> ) | E ( <input type="text"/> , <input type="text"/> ) |
| B ( <input type="text"/> , <input type="text"/> ) | F ( <input type="text"/> , <input type="text"/> ) |
| C ( <input type="text"/> , <input type="text"/> ) | G ( <input type="text"/> , <input type="text"/> ) |
| D ( <input type="text"/> , <input type="text"/> ) | H ( <input type="text"/> , <input type="text"/> ) |

b) Which two points have the same x-coordinate? \_\_\_\_\_ and \_\_\_\_\_

c) Which two points have the same y-coordinate? \_\_\_\_\_ and \_\_\_\_\_



3 Plot the points on the coordinate grid.

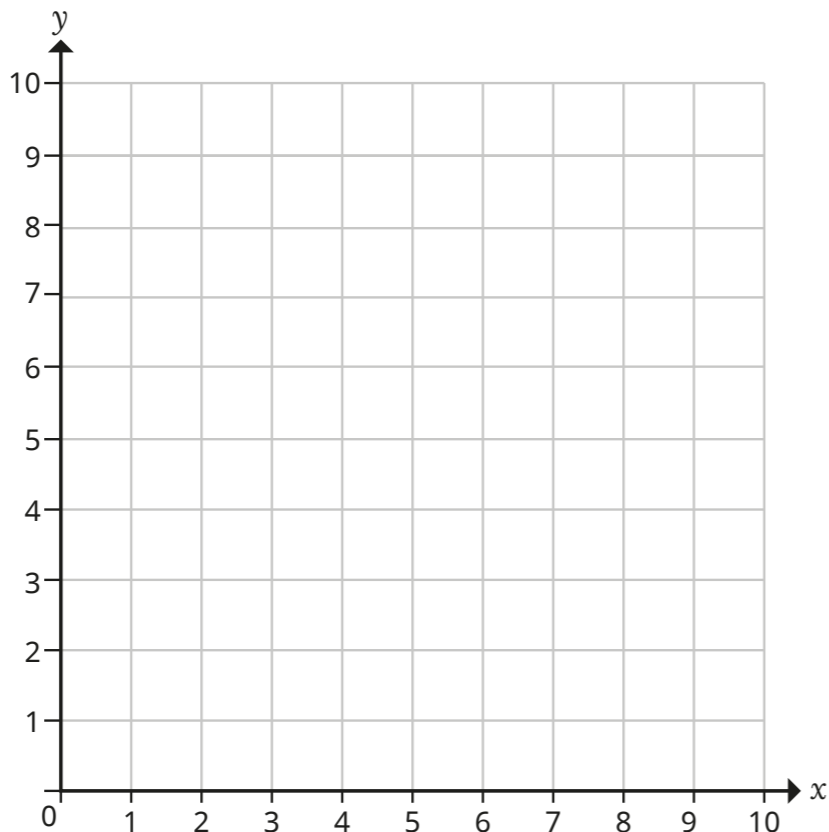
A (2, 5)

B (7, 3)

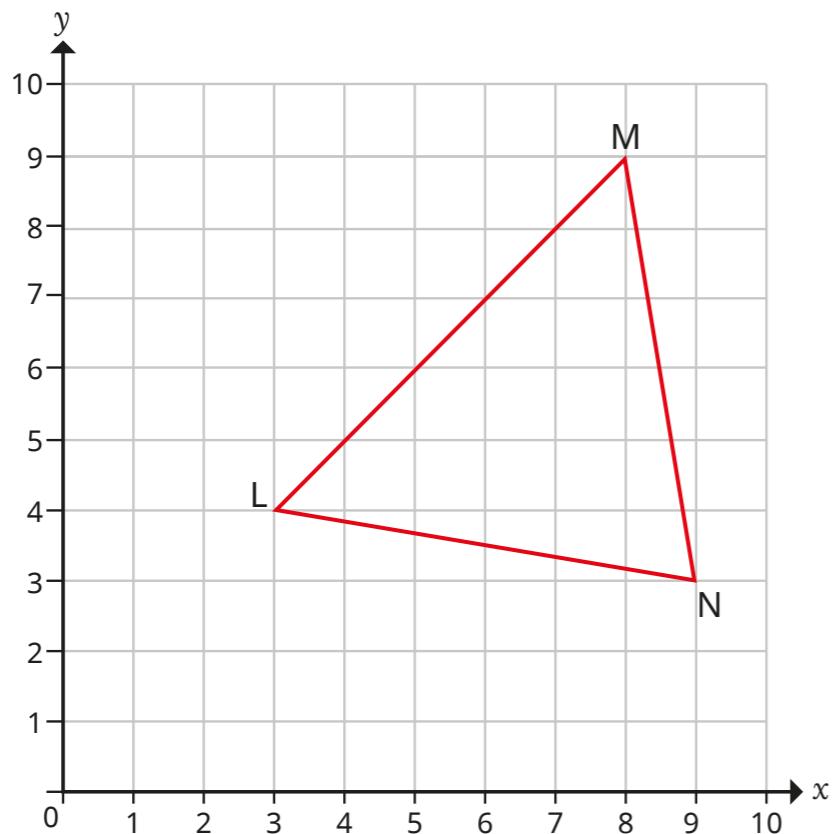
C (5, 1)

D (0, 9)

E (4, 0)



4 A triangle has been drawn on the coordinate grid.

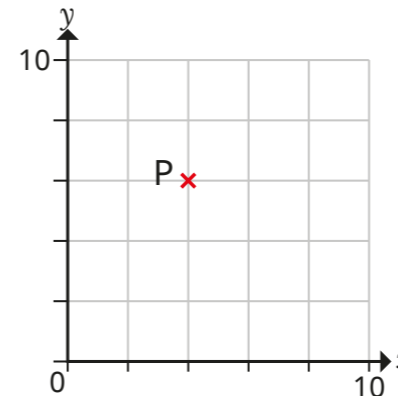


Write the coordinates of each vertex of the triangle.

L (  ,  )    M (  ,  )    N (  ,  )

5 Annie and Ron are working out the coordinates of point P.

Here are their answers.



Annie

(2, 3)



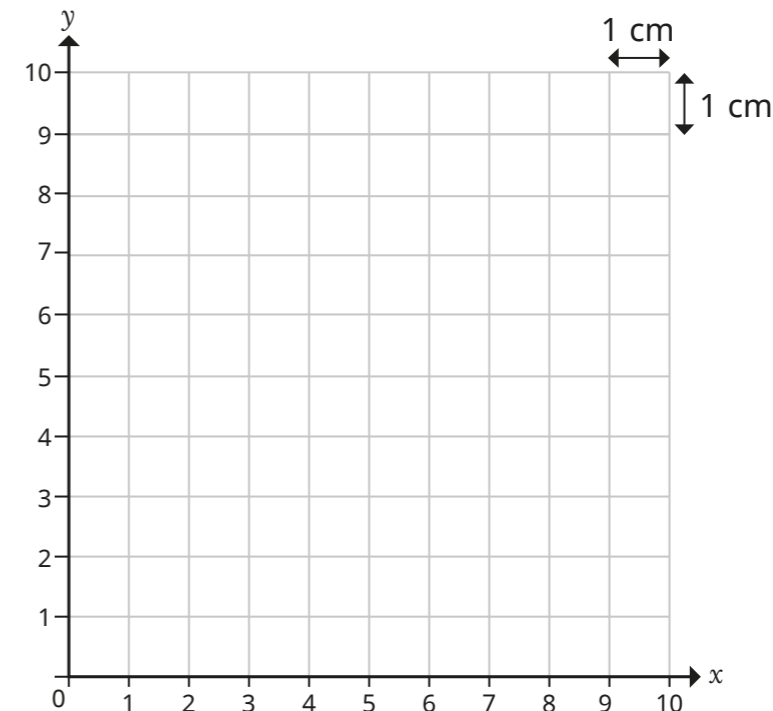
Ron

(4, 6)

Who do you agree with? \_\_\_\_\_

What mistake has the other person made? \_\_\_\_\_

6 A coordinate grid has been drawn on a page of centimetre squares.



a) The coordinates of three vertices of a rectangle are (0, 3), (7, 3) and (7, 0).

What are the coordinates of the fourth vertex? (  ,  )

b) Work out the area and perimeter of the rectangle.

area =  cm<sup>2</sup>    perimeter =  cm

Compare answers with a partner.

