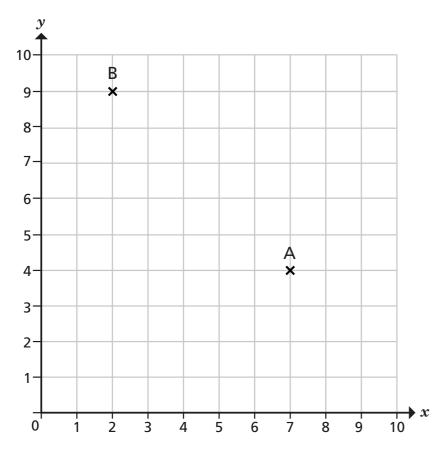
White Rose Maths

Position in the first quadrant

Two points have been plotted on the coordinate grid.



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





Whitney

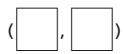
The coordinates of point A are (4, 7).

Jack

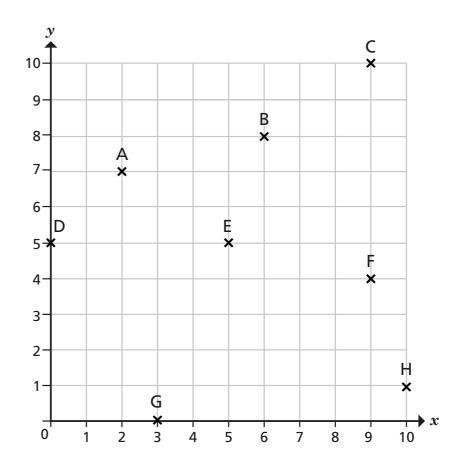
Who do you agree with?

Talk about it with a partner.





Eight points have been plotted on the coordinate grid.



a) Write the coordinates of each point.

A (,	
-------	--

b) Which two points have the same x coordinate?

c) Which two points have the same y coordinate?

____ and ____

 $_{ extsf{L}}$ and $_{ extsf{L}}$

Plot the points on the coordinate grid.

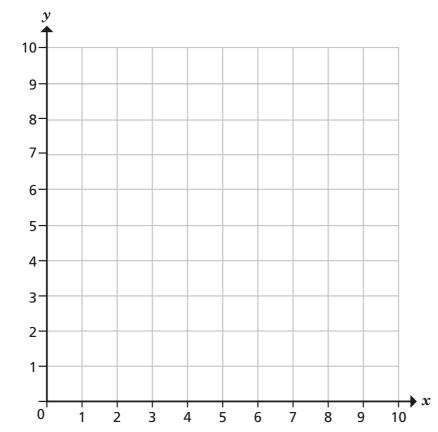
A (2, 5)

B (7, 3)

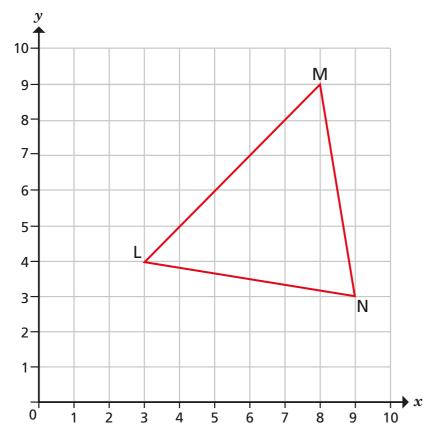
C (5, 1)

D (0, 9)

E (4, 0)



A triangle has been drawn on the coordinate grid.



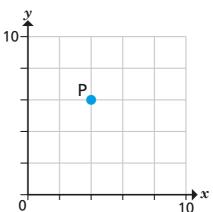
Write the coordinates of each vertex of the triangle.

L (, ,

м (, ,

N (,

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



Here are their answers.



Annie

(2, 3)



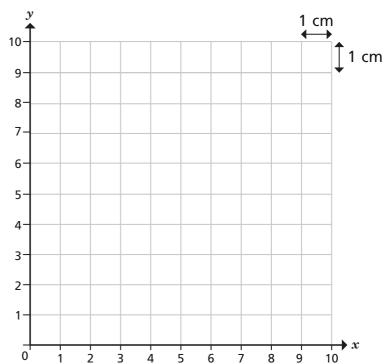
Ron

(4, 6)

Who do you agree with? _____

What mistake has the other person made?





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.

perimeter = cm

Compare answers with a partner.



