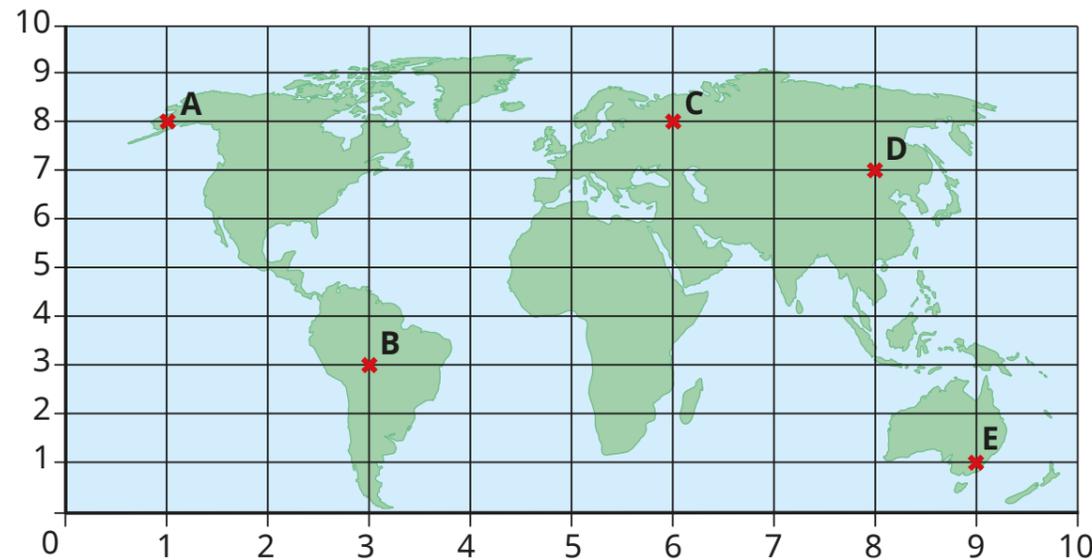


Describe position using coordinates

- 1 A map of the world is drawn on a grid. Some locations are marked at points A to E.



Match the points to the coordinates.

A	B	C	D	E
(6, 8)	(1, 8)	(8, 7)	(9, 1)	(3, 3)

- 2 Use the words to complete the sentences.

horizontal vertical x y

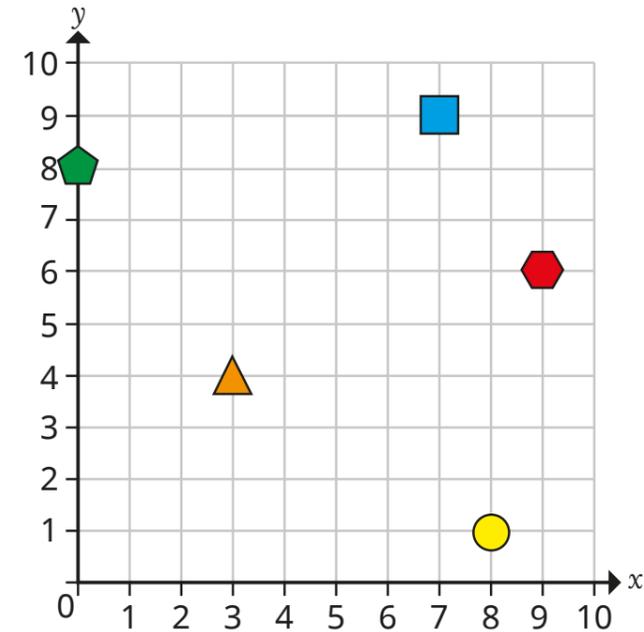
The first value in a pair of coordinates is the _____ value.

This is the value on the _____ axis.

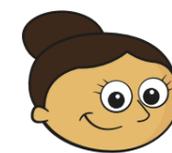
The second value in a pair of coordinates is the _____ value.

This is the value on the _____ axis.

- 3 Some shapes are drawn on a grid.

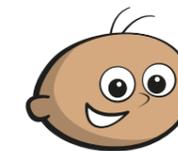


- a) Tommy, Dora and Eva are working out the coordinates of the pentagon.



Dora

The coordinates of the pentagon are (0, 8).



Tommy

The coordinates of the pentagon are (8, 0).

I think you are both right!



Eva

Who is correct?

Talk about it with a partner.

- b) Write the coordinates of the other shapes.

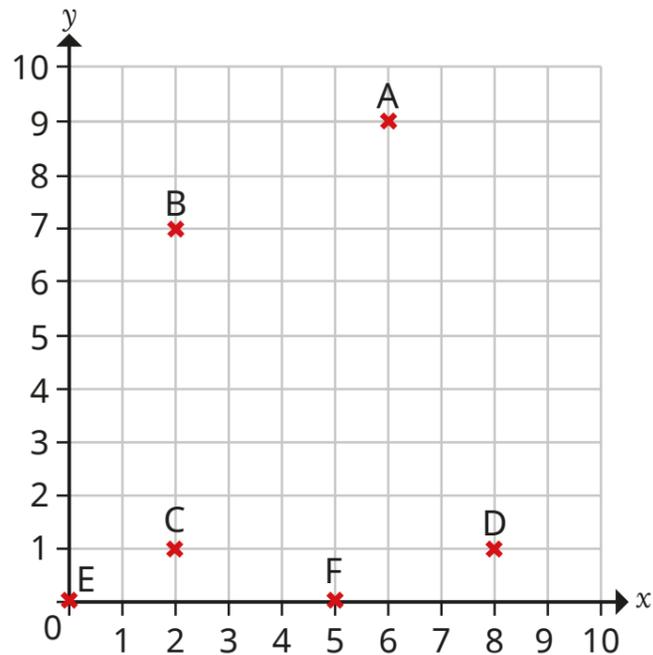
square (,)

triangle (,)

circle (,)

hexagon (,)

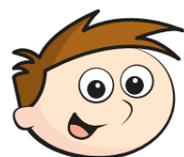
4 Six points are drawn on a grid.



a) Write the coordinates of each point.

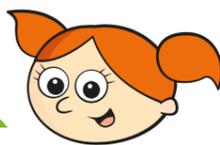
A (,) C (,) E (,)
 B (,) D (,) F (,)

b) Teddy and Alex each choose one of the points that have been drawn.



Teddy

Our x-coordinates are the same.



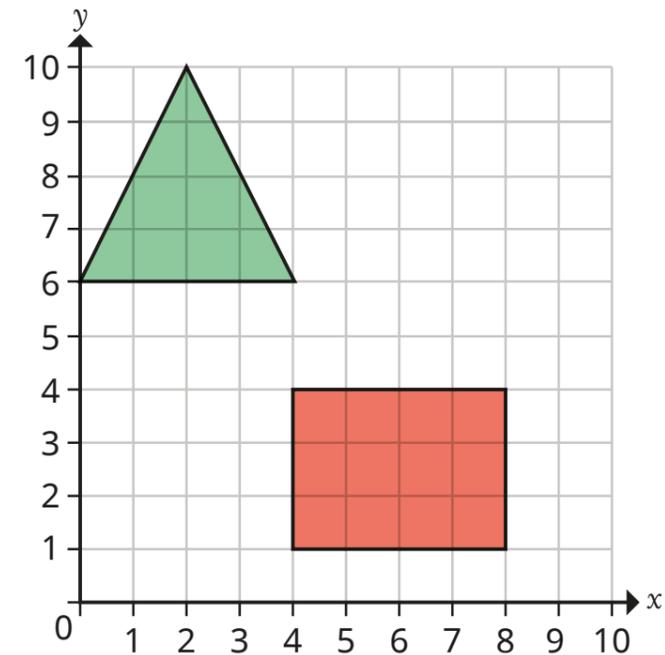
Alex

My y-coordinate is greater than Teddy's.

Write the coordinates of the points that Alex and Teddy have chosen.

Alex (,) Teddy (,)

5 Two shapes are drawn on a grid.



a) Write the coordinates of the vertices of the triangle.

(,) (,) (,)

b) Write the coordinates of two points inside the rectangle.

(,) (,)

Compare answers with a partner.

c) Draw another shape on the grid.

Write the coordinates of your shape.

