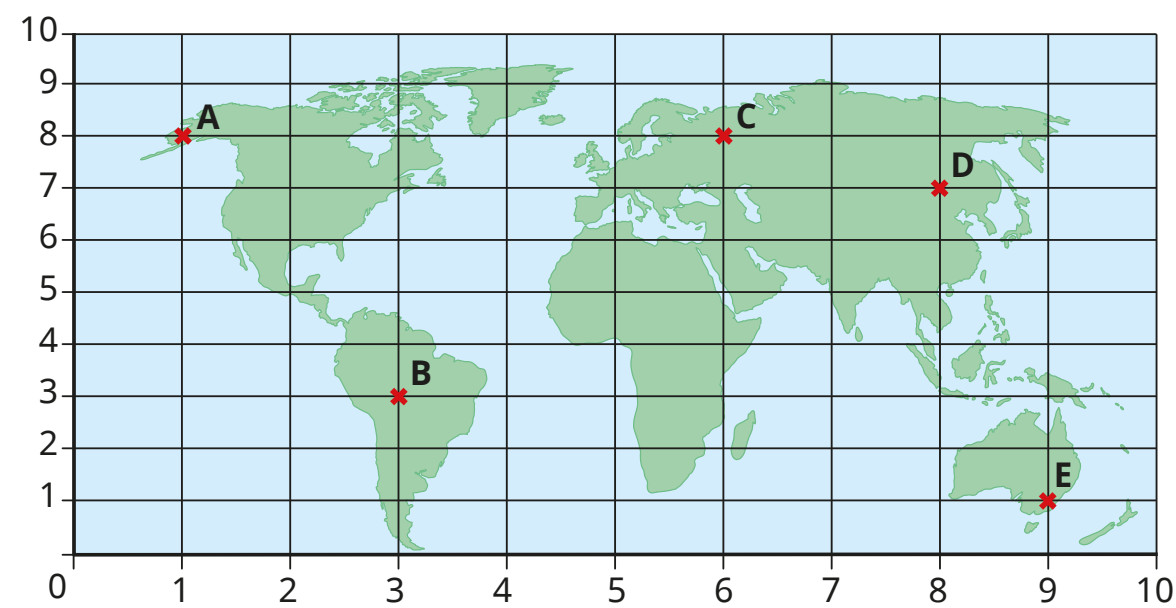


Describe position using coordinates



- 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.

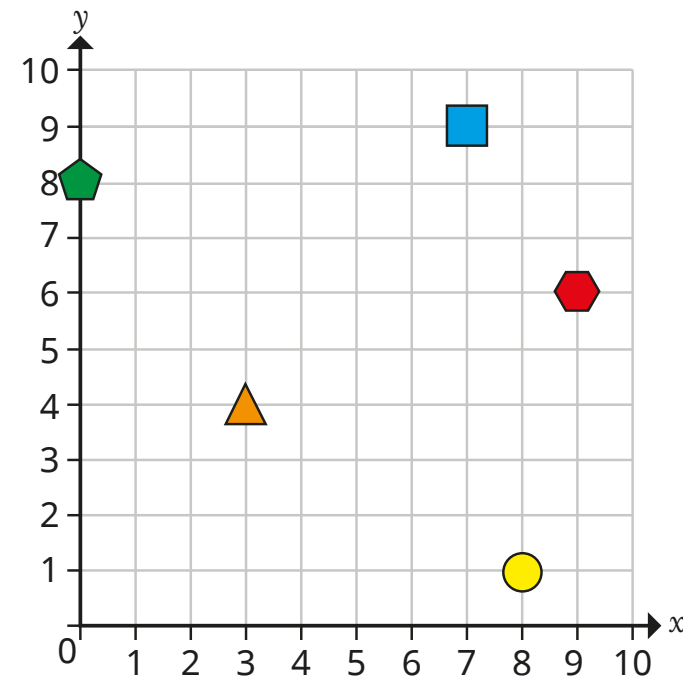
A	B	C	D	E
(6, 8)	(1, 8)	(8, 7)	(9, 1)	(3, 3)

- 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).

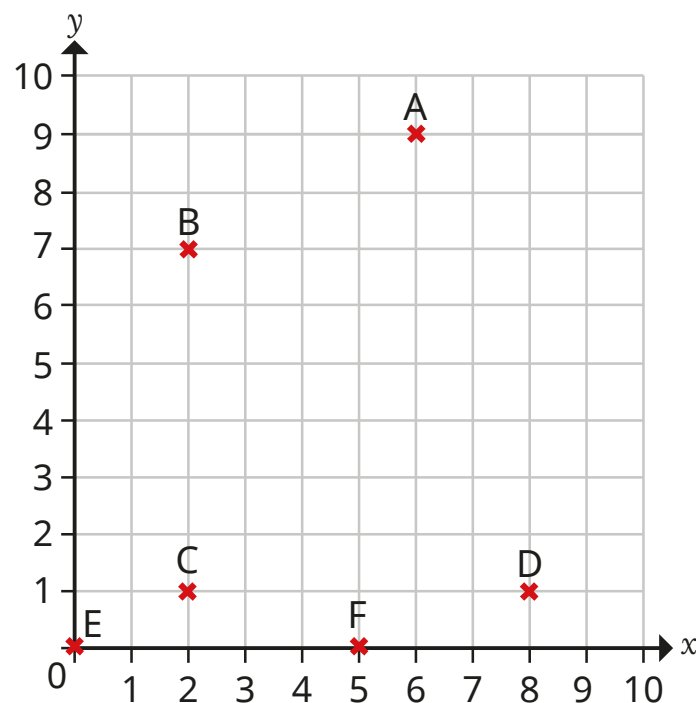
Eva: I think you are both right!

Who is correct?
Talk about it with a partner.

- b) Write the coordinates of the other shapes.

square (,)	triangle (,)
circle (,)	hexagon (,)

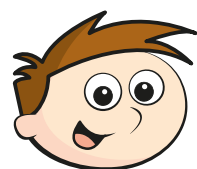
- 4 Six points are drawn on a grid.



- a) Write the coordinates of each point.

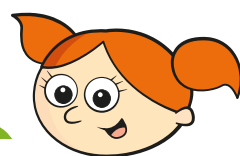
A (,) C (,) E (,)
 B (,) D (,) F (,)

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



Teddy

Our x-coordinates
are the same.



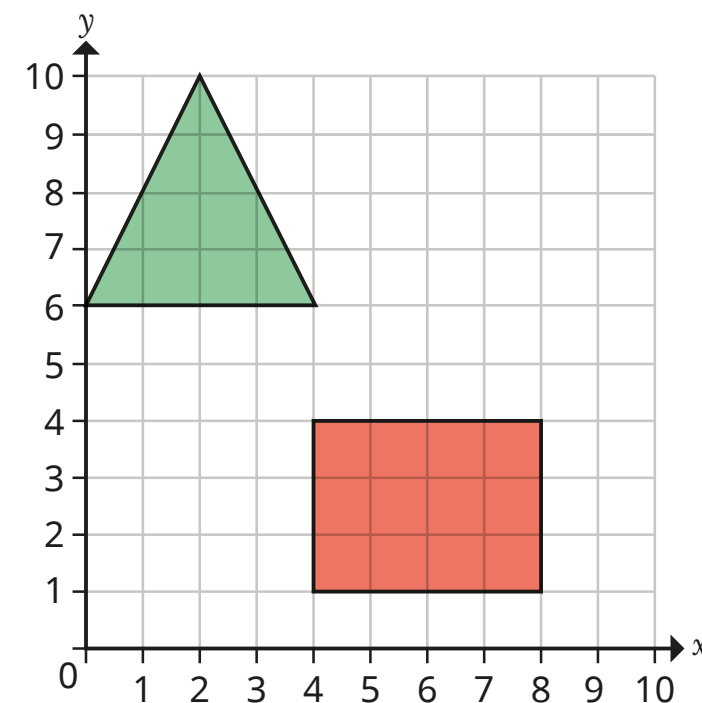
Alex

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.

