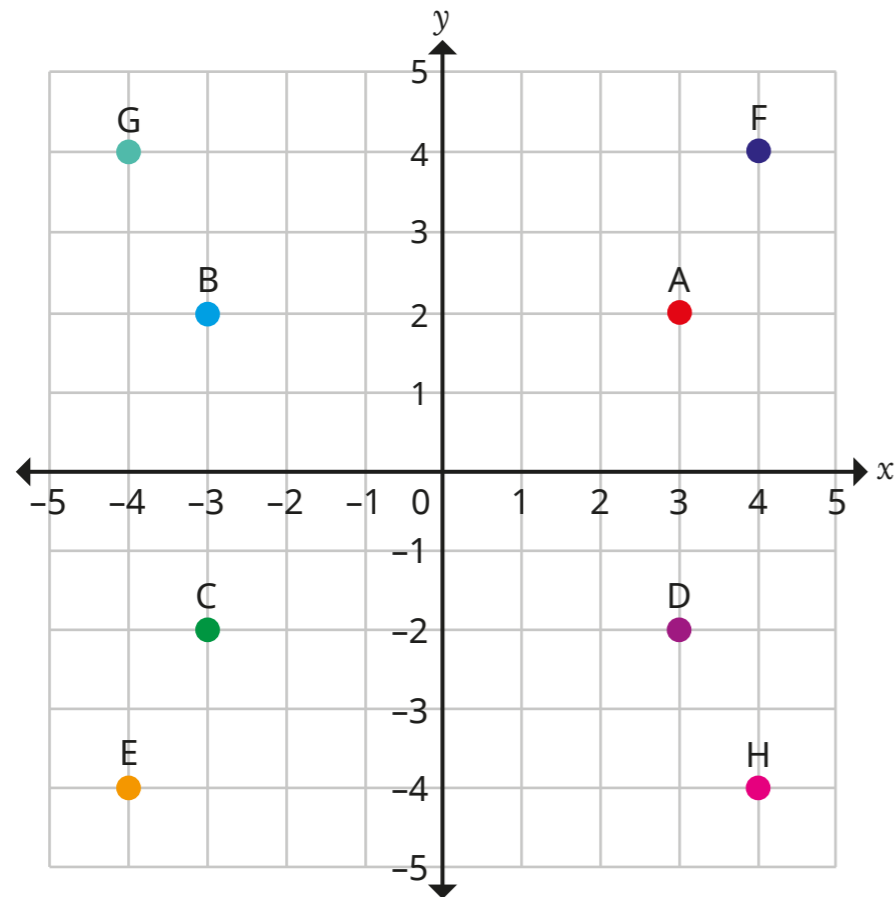


Read and plot points in four quadrants

1



Write the coordinates of points A to H.

A (,)

E (,)

B (,)

F (,)

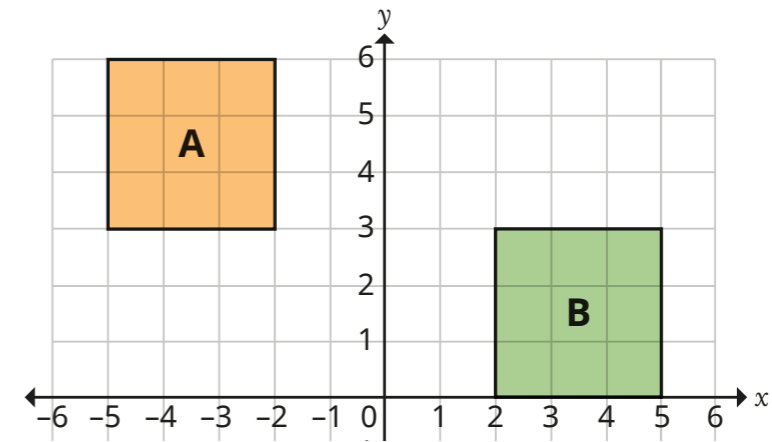
C (,)

G (,)

D (,)

H (,)

2

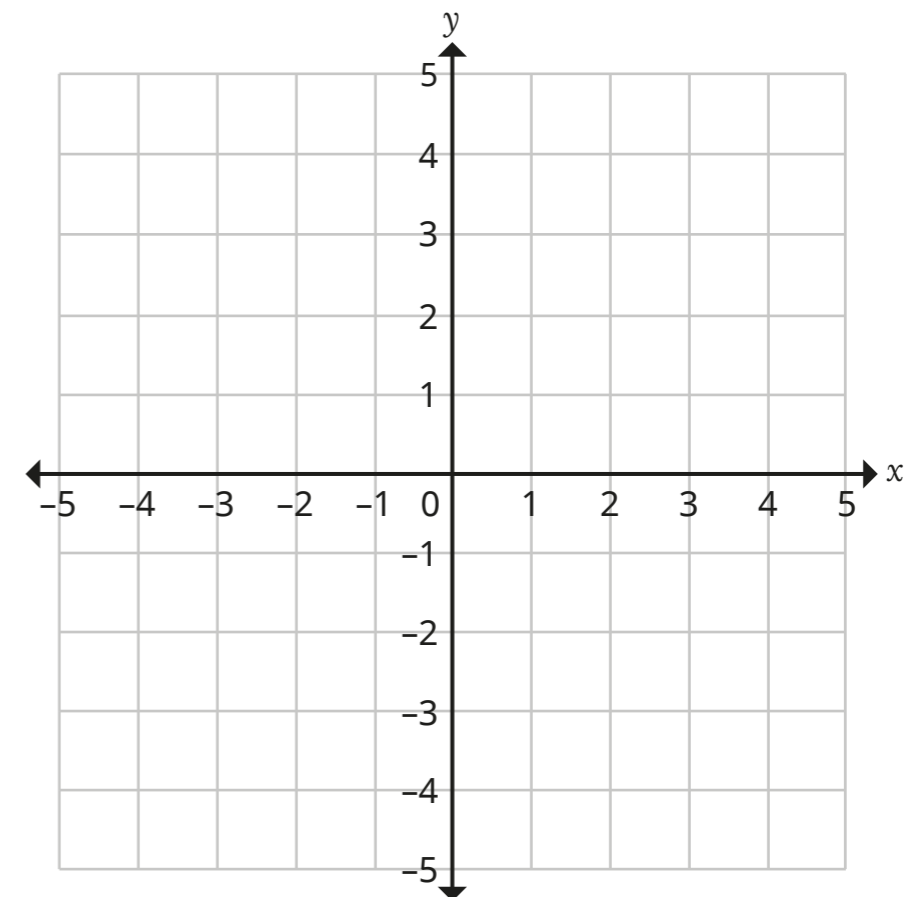


Write the coordinates for the vertices of each square.

square A _____

square B _____

3



a) Plot the coordinates.

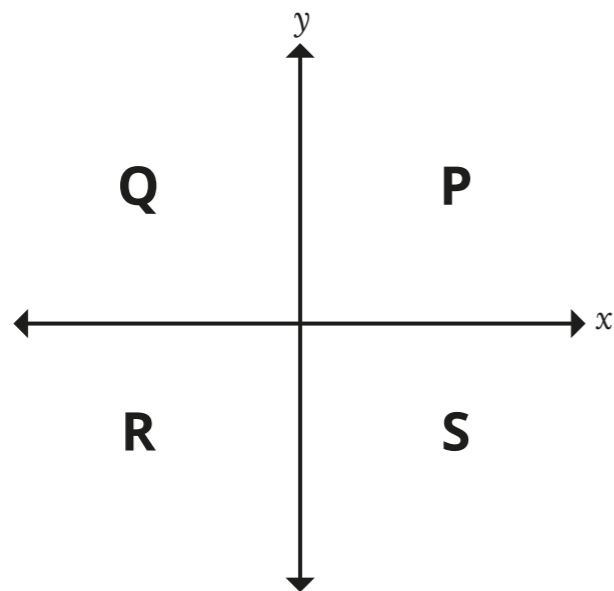
(-3, 0) (4, 0) (-1, 5) (-1, -5)

b) Join the points you have plotted to form a quadrilateral.

c) What shape have you drawn? _____



4



a) Write coordinates for four possible points in each quadrant.

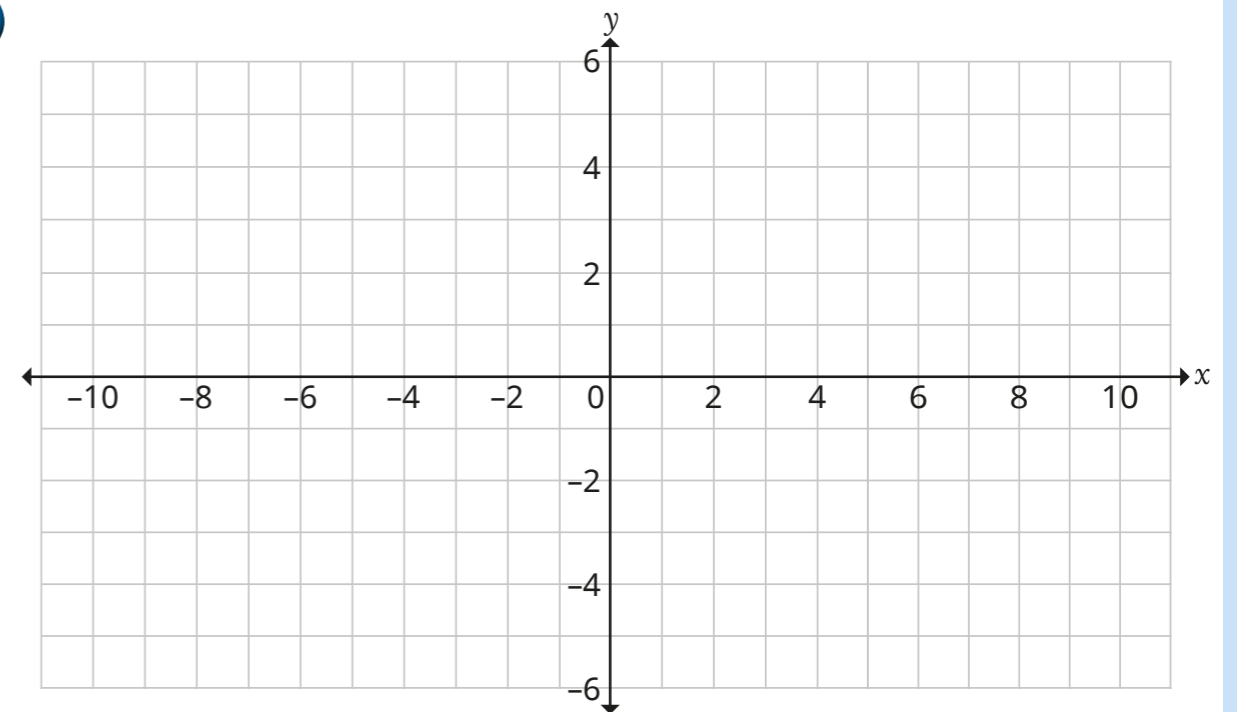
Quadrant P		Quadrant R	
(<input type="text"/> , <input type="text"/>)	(<input type="text"/> , <input type="text"/>)	(<input type="text"/> , <input type="text"/>)	(<input type="text"/> , <input type="text"/>)
(<input type="text"/> , <input type="text"/>)	(<input type="text"/> , <input type="text"/>)	(<input type="text"/> , <input type="text"/>)	(<input type="text"/> , <input type="text"/>)
Quadrant Q		Quadrant S	
(<input type="text"/> , <input type="text"/>)	(<input type="text"/> , <input type="text"/>)	(<input type="text"/> , <input type="text"/>)	(<input type="text"/> , <input type="text"/>)
(<input type="text"/> , <input type="text"/>)	(<input type="text"/> , <input type="text"/>)	(<input type="text"/> , <input type="text"/>)	(<input type="text"/> , <input type="text"/>)

b) Write four different coordinates that are not in any single quadrant.

(,) (,)
 (,) (,)

What do you notice?

5



a) Plot the coordinates.

(-8, 4) (4, -2) (10, -5) (-4, 2) (-6, 3)

b) Write three other coordinates that would be in the same line.

6

A quadrilateral has vertices at (-8, 0), (1, 0), (1, -5) and (-8, -5).

a) What is the mathematical name of the quadrilateral?

b) Circle the points that lie on the perimeter of the quadrilateral.

(0, 0) (-8, 4) (3, -5) (-4, -5)

Explain your reasoning.