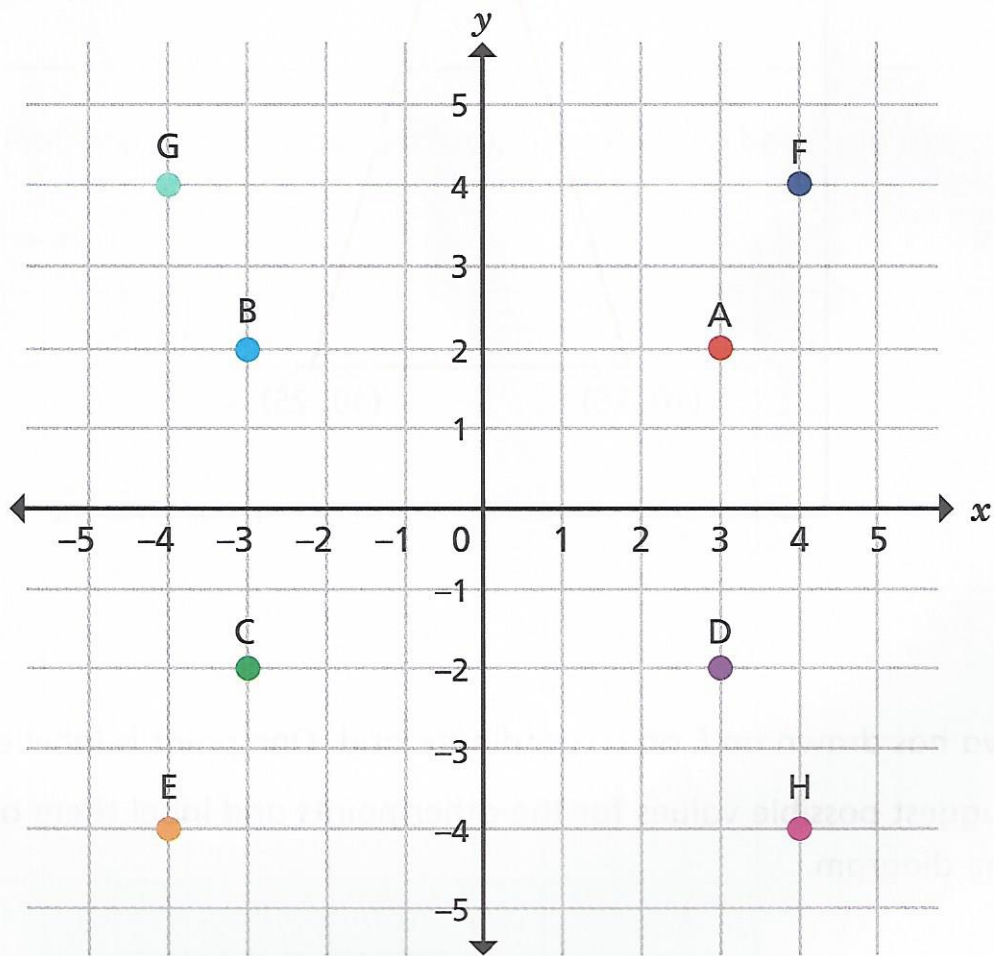


# Four quadrants

I



Write the coordinates of points A to H.

A (  ,  )

E (  ,  )

B (  ,  )

F (  ,  )

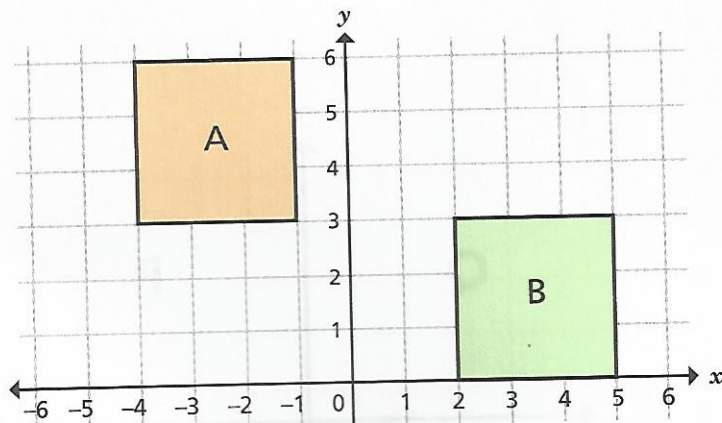
C (  ,  )

G (  ,  )

D (  ,  )

H (  ,  )

2

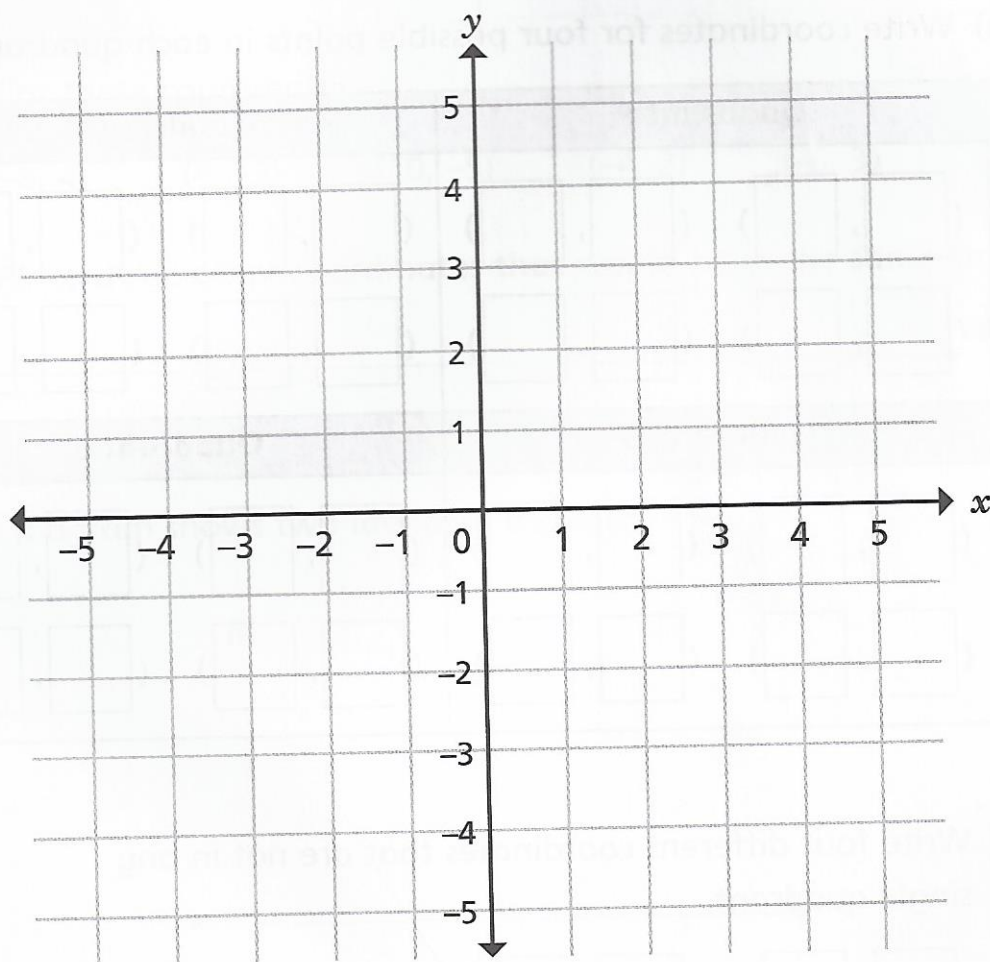


Write the coordinates for each vertex of each square.

square A = \_\_\_\_\_

square B = \_\_\_\_\_

3



a) Plot these coordinates.

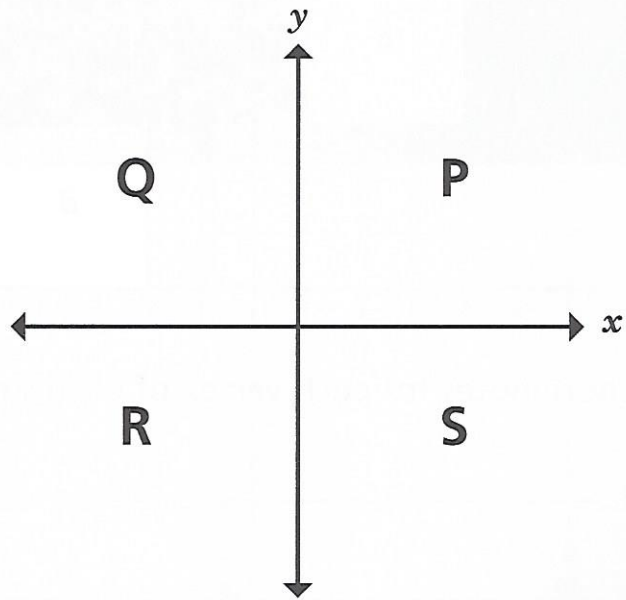
$(-3, 0)$        $(4, 0)$        $(-1, 5)$        $(-1, -5)$

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

c) Complete the sentence to describe the shape you have drawn.

This quadrilateral is a \_\_\_\_\_





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"/> )

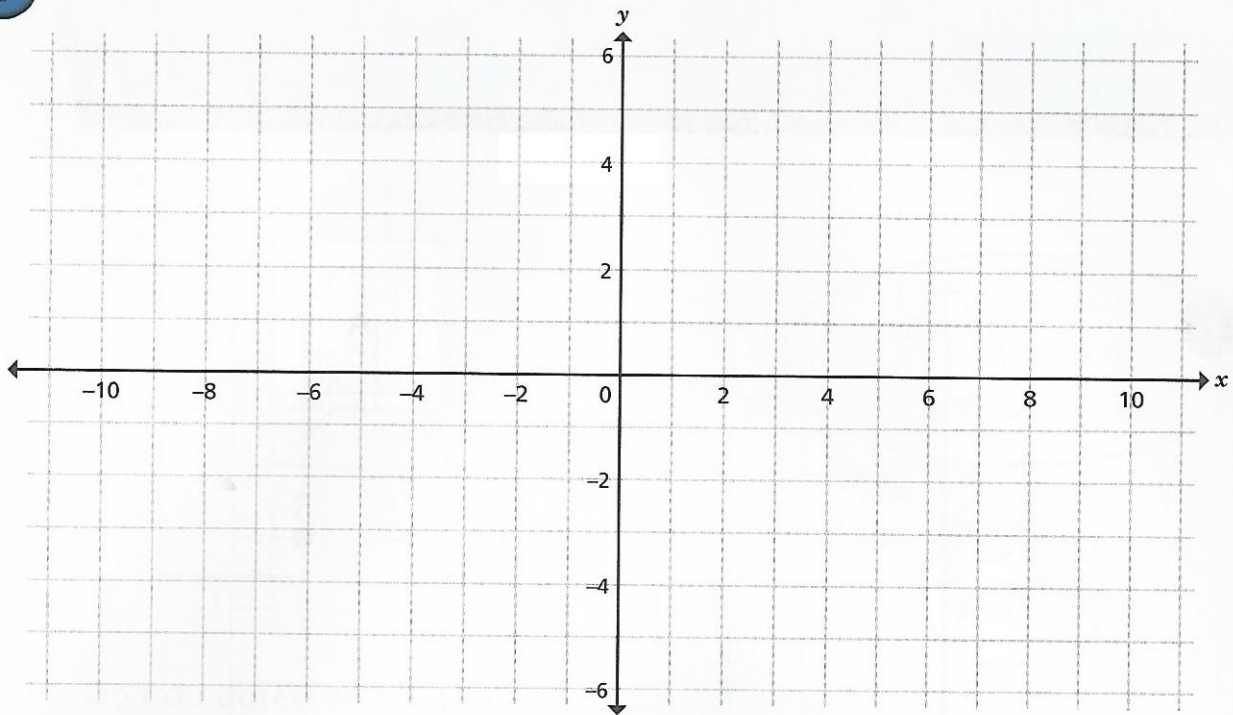
b) Write four different coordinates that are not in any single quadrant.

(  ,  ) (  ,  )

(  ,  ) (  ,  )

What do you notice?

5



a) Plot these coordinates.

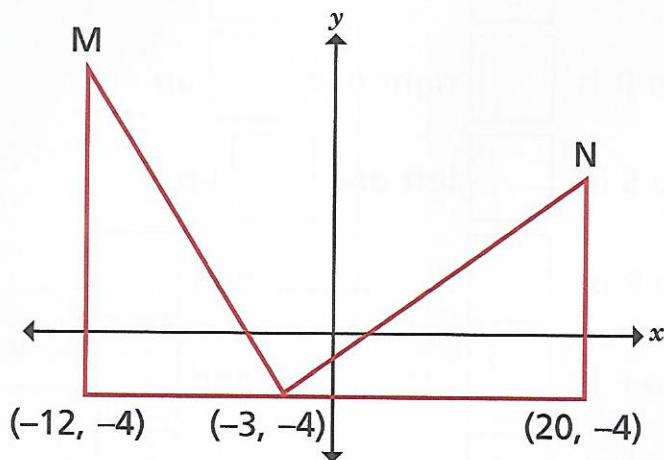
$(-8, 4)$      $(4, -2)$      $(10, -5)$      $(-4, 2)$      $(-6, 3)$

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

\_\_\_\_\_

6

The diagram shows two identical triangles.



Write the coordinates of points M and N.

M (  ,  )

N (  ,  )