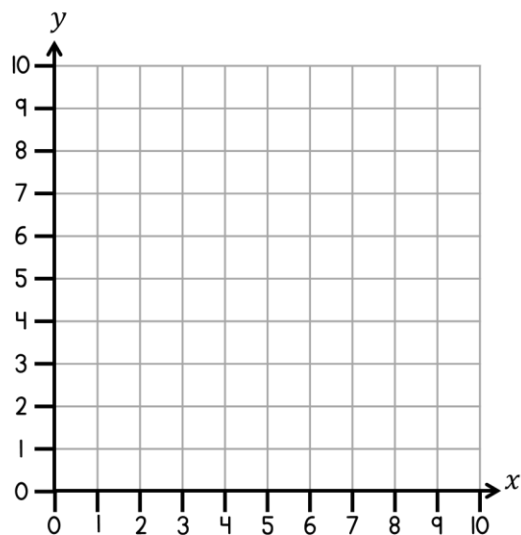


Name _____

1 Plot the coordinates on the grid.

(5, 9) (3, 7) (7, 7) (5, 1)



2 marks

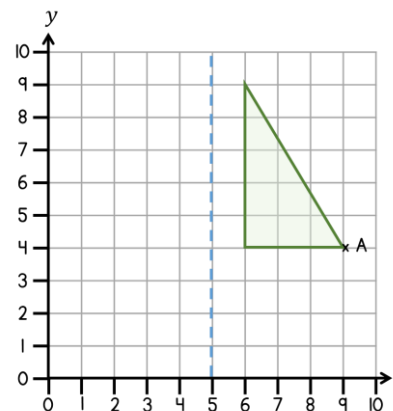
Join the points.

What type of quadrilateral have you drawn?



1 mark

2 Reflect the triangle in the mirror line.



What are the coordinates of the new point A?

(,)

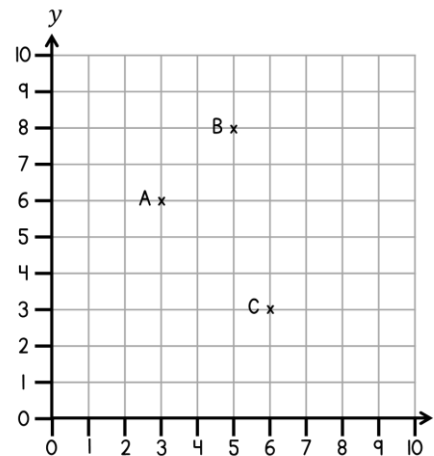


2 marks



1 mark

3 Write down the coordinates of points A, B and C.



A = (,)

B = (,)

C = (,)



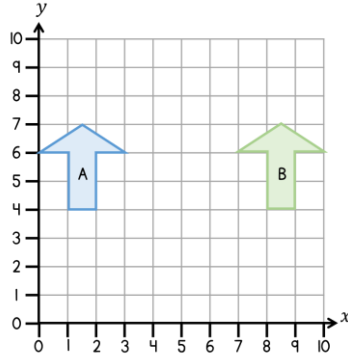
3 marks



1 mark

Plot the final point to make a rectangle.

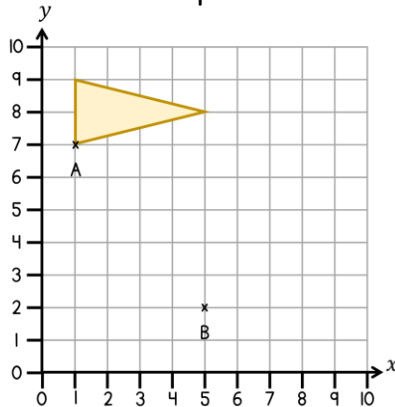
- 4 Arrow A has been reflected to Arrow B.
Draw the mirror line.



Complete the sentence to describe the translation from A to B.

Arrow A has moved _____ right and _____ up.

- 5 Point A has been translated to point B.



Describe the translation.

Point A has been translated _____ and _____

Complete the translation for the triangle.

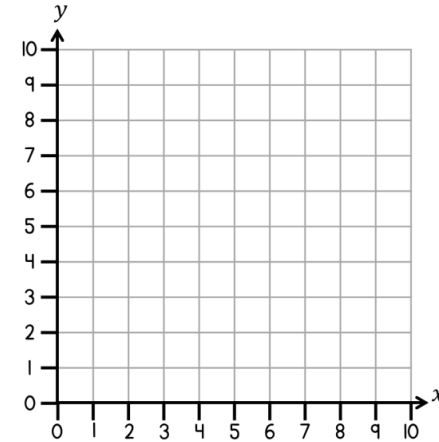
1 mark

1 mark

2 marks

1 mark

- 6 Complete the coordinates.
You may use the grid to help.



(4, 9) translated 3 left is (,)

(6, 2) translated 1 down is (,)

(4, 5) translated 2 right and 5 up is (,)

(7,) translated 7 up is (, 9)

3 marks

2 marks

Circle how confident you feel with position & direction.

1

2

3

4

5

Not
confident

Very
confident