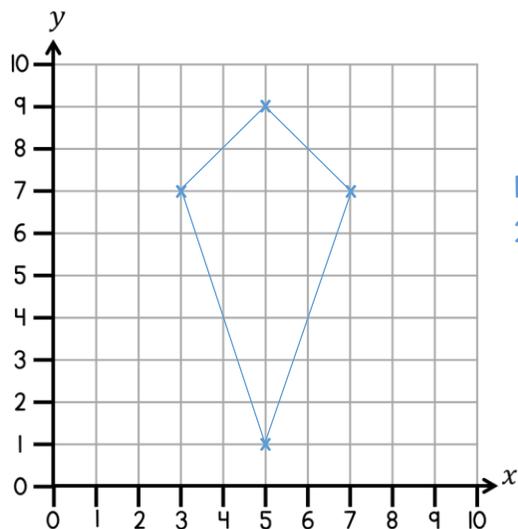


Name \_\_\_\_\_



1 Plot the coordinates on the grid.

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



1 mark for  
2 correct.

Join the points.

What type of quadrilateral have you drawn?

Kite

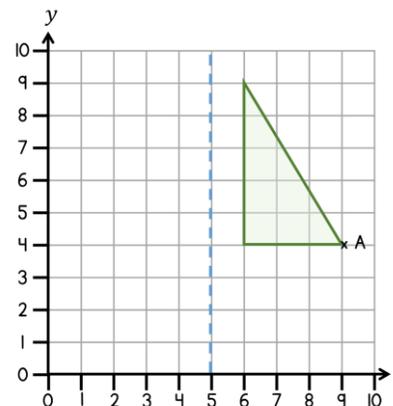


2 marks



1 mark

2 Reflect the triangle in the mirror line.



What are the coordinates of the new point A?

( 1 , 4 )

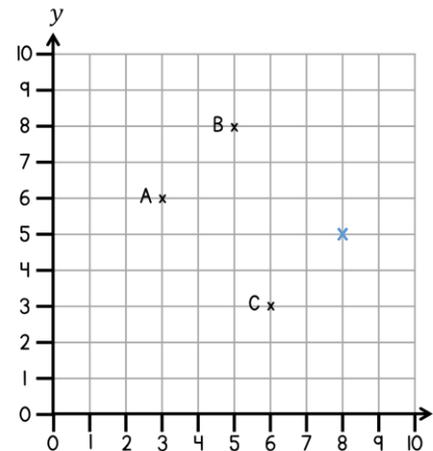


2 marks



1 mark

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



A = (3, 6)

B = (5, 8)

C = (6, 3)

Plot the final point to make a rectangle.

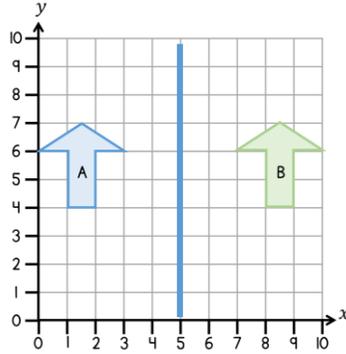


3 marks



1 mark

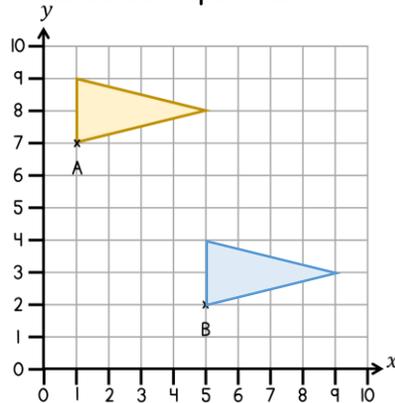
- 4 Arrow A has been reflected to Arrow B.  
Draw the mirror line.



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

Arrow A has moved 7 right and 0 up.

- 5 Point A has been translated to point B.



Describe the translation.

Point A has been translated 4 right and 5 down

Complete the translation for the triangle.

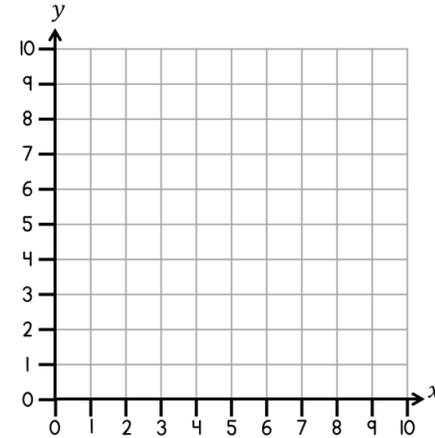
1 mark

1 mark

2 marks

1 mark

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



(4, 9) translated 3 left is (1, 9)

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

(4, 5) translated 2 right and 5 up is (6, 10)

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

3 marks

2 marks

Circle how confident you feel with position & direction.

1

2

3

4

5

Not  
confident

Very  
confident