

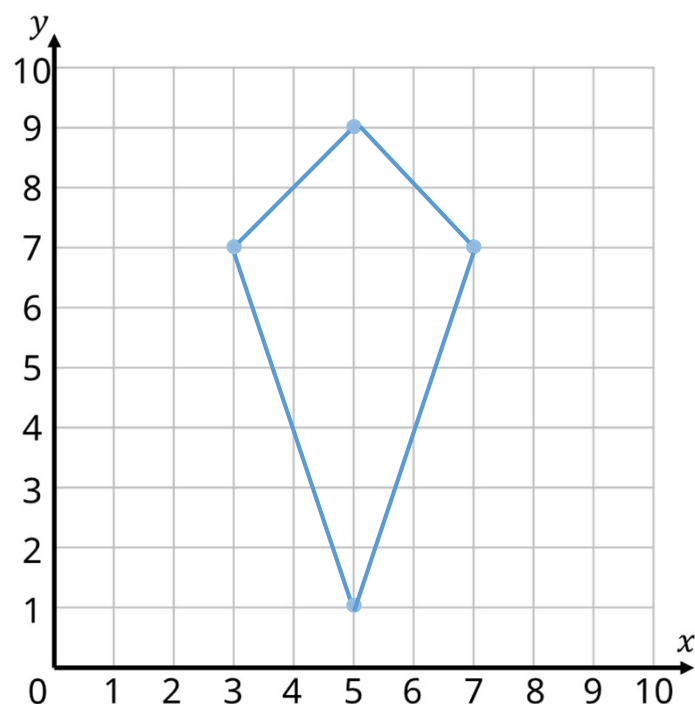
Position and direction

A

Name _____

1 Plot the co-ordinates on the grid.

(5, 9) (3, 7) (7, 7) (5, 1) 1 mark for 2 correct.

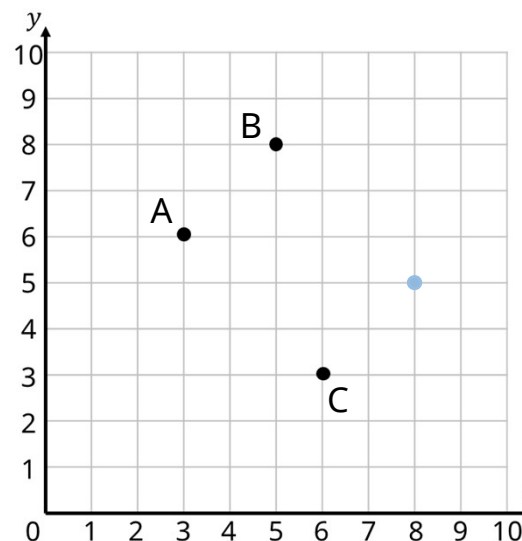


Join the points.

What type of quadrilateral have you drawn?

Kite

2 Write down the co-ordinates of A, B and C.



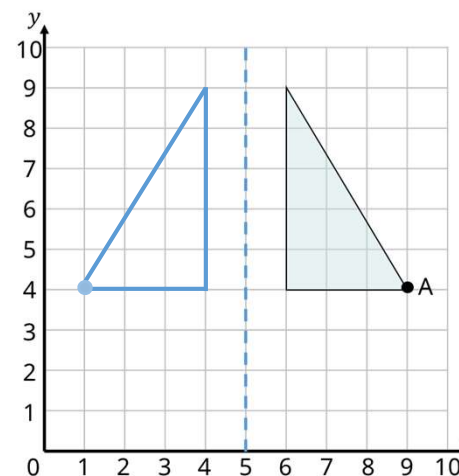
A = (3 , 6)

B = (5 , 8)

C = (6 , 3)

Plot the final point to make a rectangle.

3 Reflect the triangle in the mirror line.



1 mark for 2 correct co-ordinates.

What are the co-ordinates of the new point A?

(1 , 4)

2 marks

1 mark

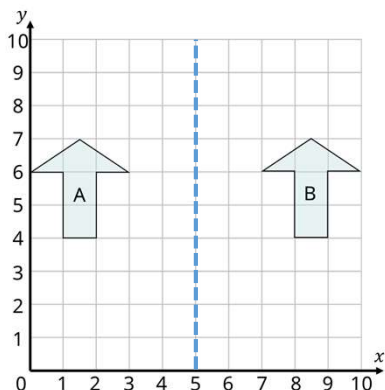
3 marks

1 mark

2 marks

1 mark

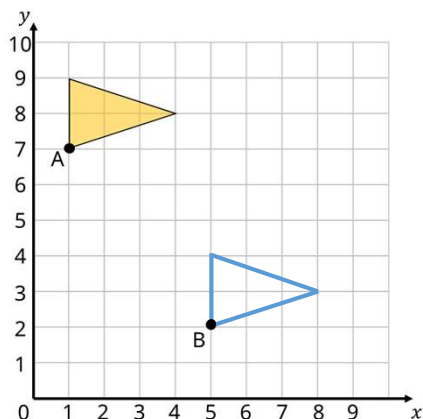
- 4 Arrow B is a reflection of arrow A. Draw the mirror line.



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 translated 4 right and 5 down

Complete the triangle's translation.



1 mark



2 marks

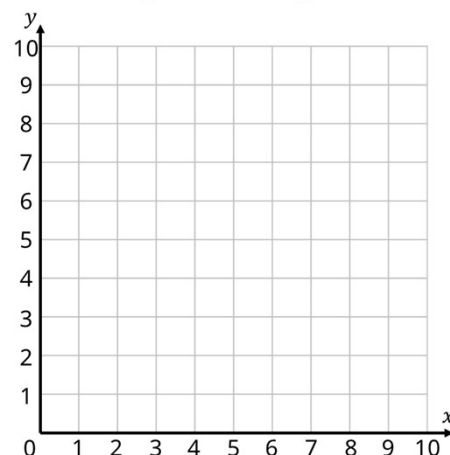


2 marks



1 mark

- 6 Complete the missing co-ordinates. You may use the grid to help you.



1 mark for
2 correct.

(8, 6) translated 2 left is (6 , 6)

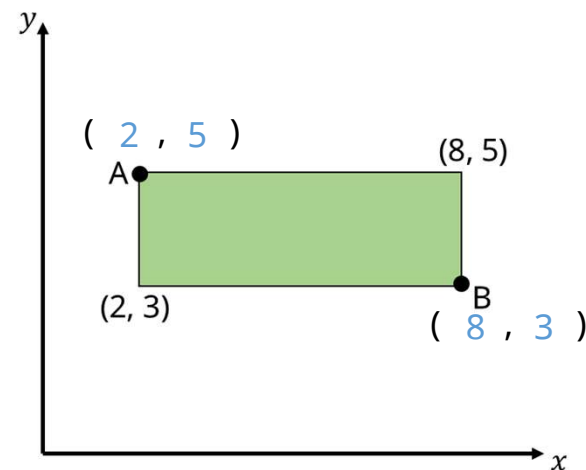
(4, 5) translated 2 right and 5 up is (6 , 10)

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



2 marks

- 7 Complete the co-ordinates of A and B.



2 marks