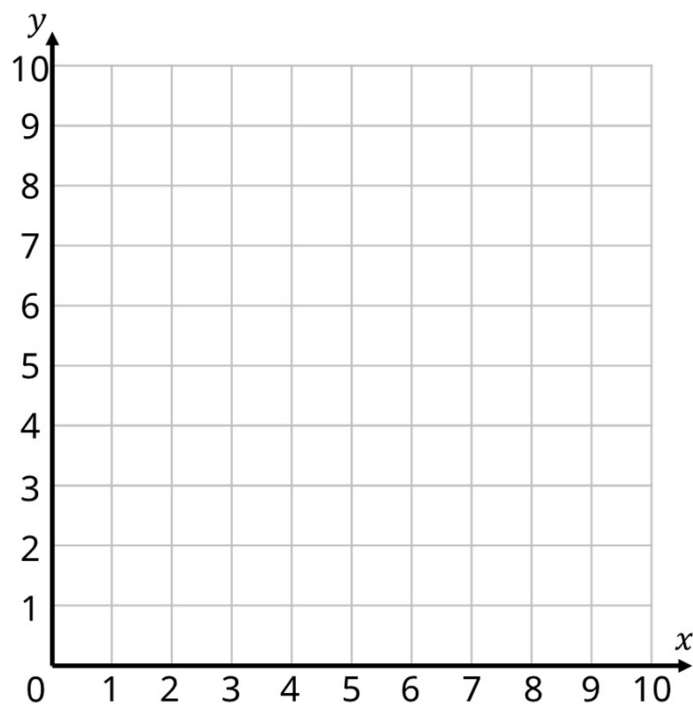Name _____

1 Plot the co-ordinates on the grid.

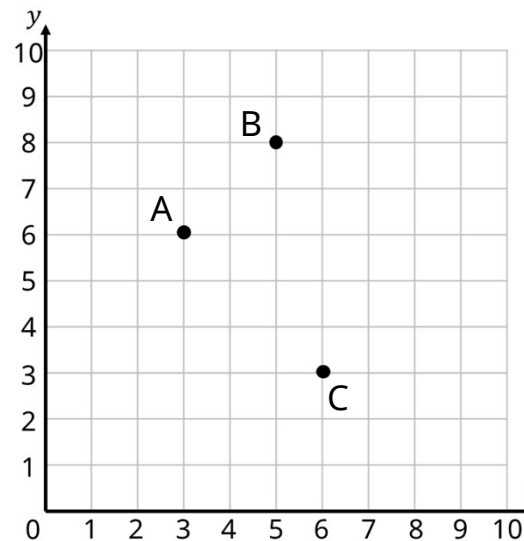(5, 9) (3, 7) (7, 7) (5, 1)

Join the points.

What type of quadrilateral have you drawn?

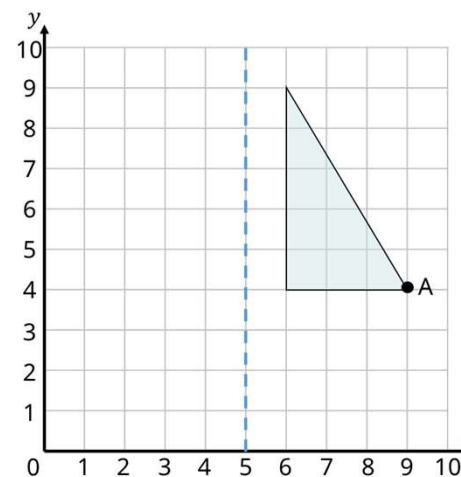_____

2 marks

1 mark

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

A = (,   )

B = (,   )

C = (,   )

3 marks

Plot the final point to make a rectangle.

1 mark

3 Reflect the triangle in the mirror line.

2 marks

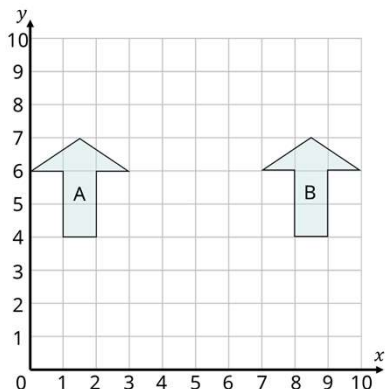What are the co-ordinates of the new point A?
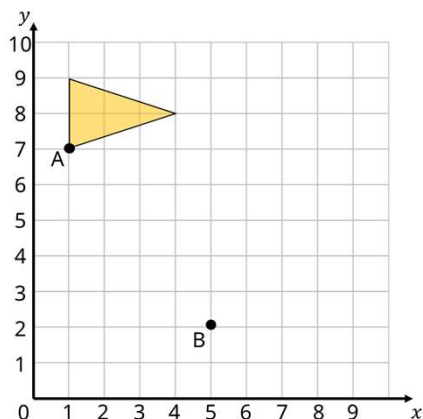
(,   )

1 mark

White Rose Maths

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

1 mark

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

Arrow A has moved _____ right and _____ up.

2 marks

5 Point A has been translated to point B.

Describe the translation.

Point A has translated _____ and _____

2 marks

Complete the triangle's translation.
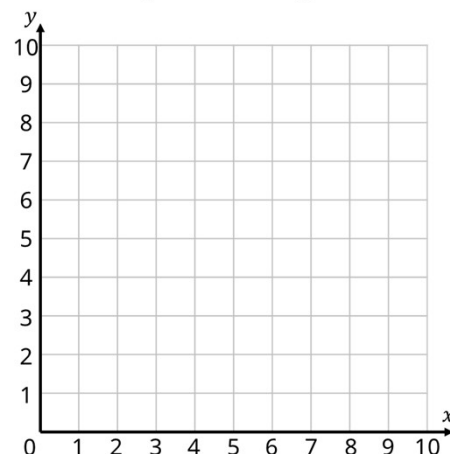
1 mark

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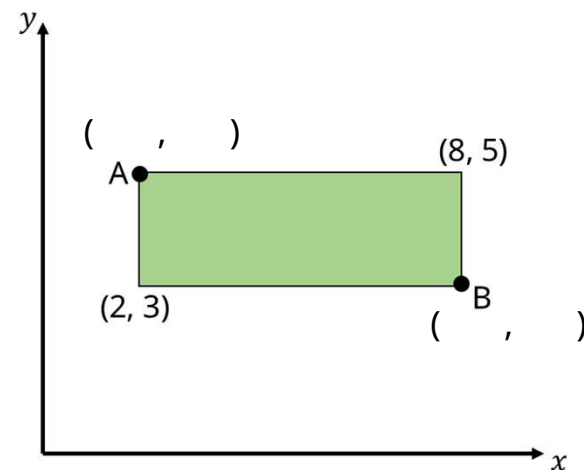

(8, 6) translated 2 left is (,)

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

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

2 marks

7 Complete the co-ordinates of A and B.

(,)

A

(8, 5)

(2, 3)

B

(,)

2 marks