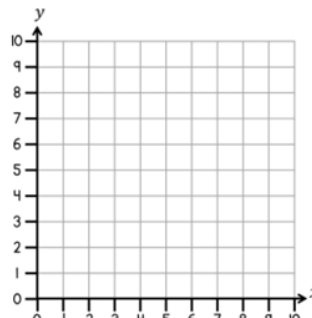


Home Learning Wednesday 24th June 2020 Maths

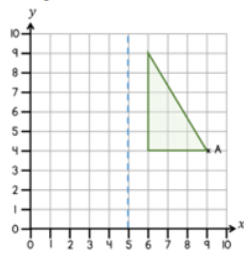
L.O: I am learning to consolidate my knowledge of position and direction

Today you will review all your learning on reflection and translation. We will cover reflection and translation of both shapes and coordinates and apply our knowledge of the x and y axes.

Answer **all** the questions on this sheet, in the answer section. There are no challenges today. If you wish to self-mark, answers are provided but still turn the completed work in so that the teacher can review and comment on your work.

Question	Answer
<p>I Plot the coordinates on the grid.</p> <p>(5, 9) (3, 7) (7, 7) (5, 1)</p>  <p>Join the points. What type of quadrilateral have you drawn?</p> <p>_____</p> <p><input type="checkbox"/> 2 marks</p> <p><input type="checkbox"/> 1 mark</p>	

- 2 Reflect the triangle in the mirror line.



What are the coordinates of the new point A?

(,)

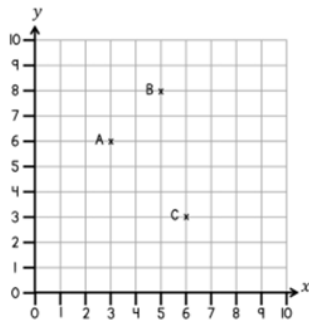


2 marks



1 mark

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



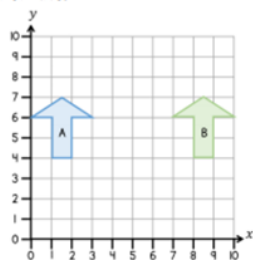
A = (,)

B = (,)

C = (,)

Plot the final point to make a rectangle.

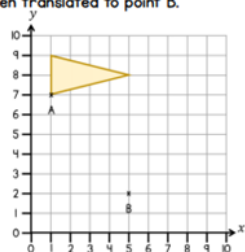
- 4 Arrow A has been reflected to Arrow B.
Draw the mirror line.



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.

☐

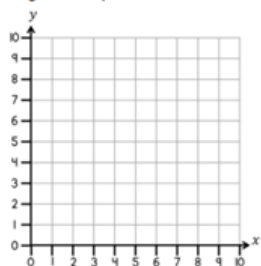
2 marks

☐

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 Very
confident confident