White Rose Maths

Name _____

1 Write the coordinates of the points marked on the grid.
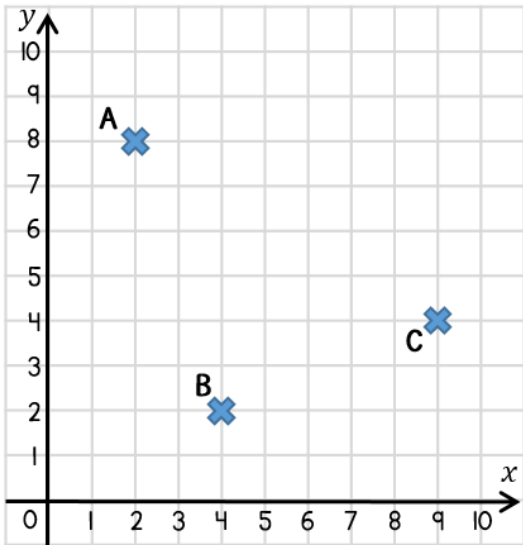
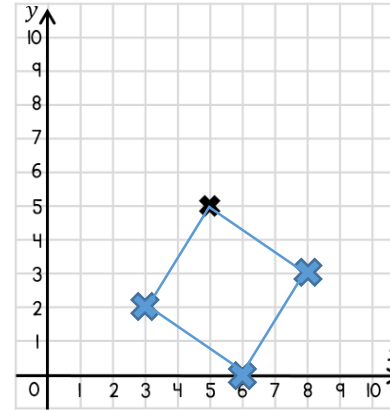$A = (\ 2 \ , \ 8 \ )$

$B = (\ 4 \ , \ 2 \ )$

$C = (\ 9 \ , \ 4 \ )$

2 marks

2 Plot the coordinate pairs.

The first one has been done for you.

(5, 5)

(8, 3)

(6, 0)

(3, 2)

2 marks

Draw lines to join the plotted points.

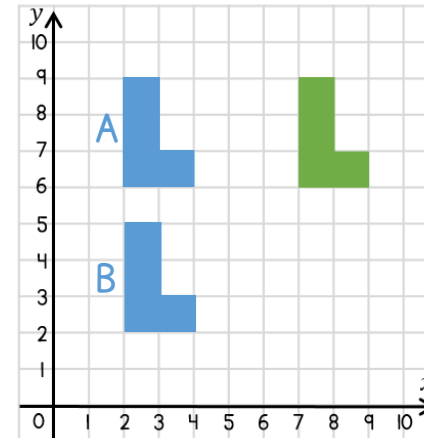What shape have you drawn?

Square
_____

1 mark

3 Translate the shape 5 squares left.
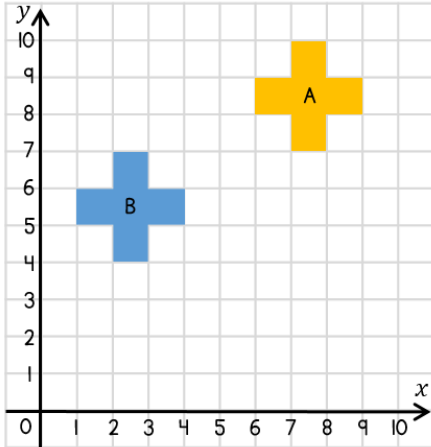
Label the new shape A.

Translate shape A 4 squares down.

Label the new shape B.

2 marks

4 Shape A is translated to shape B.

Complete the sentence.

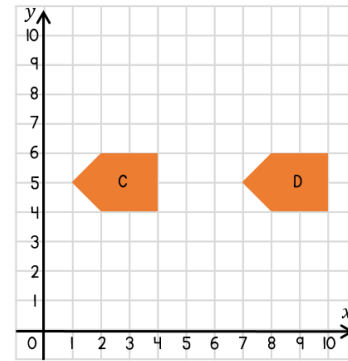**Shape A has been translated 5 squares**
left **and 3 squares** _down_.

Use the coordinates of shape A and B to complete the table.

	True	False
One of the vertices on shape B is (2, 6)	✓	
The vertex (7, 7) on shape A has been translated to (2, 7)		✓

2 marks

2 marks

5

Complete the sentence to describe the translation of shape C to D.

Shape C has been translated 6 **squares right and** 0 **squares up.**

2 marks

6 The point (2, 3) is translated up.
Circle the coordinate that will change:

(2 , ③)

The point (5, 4) is translated left.
Circle the coordinate that will change:

(⑤, 4)

2 marks

Circle how confident you feel with position & direction.

1	2	3	4	5
Not confident				Very confident