

4

POSITION AND DIRECTION

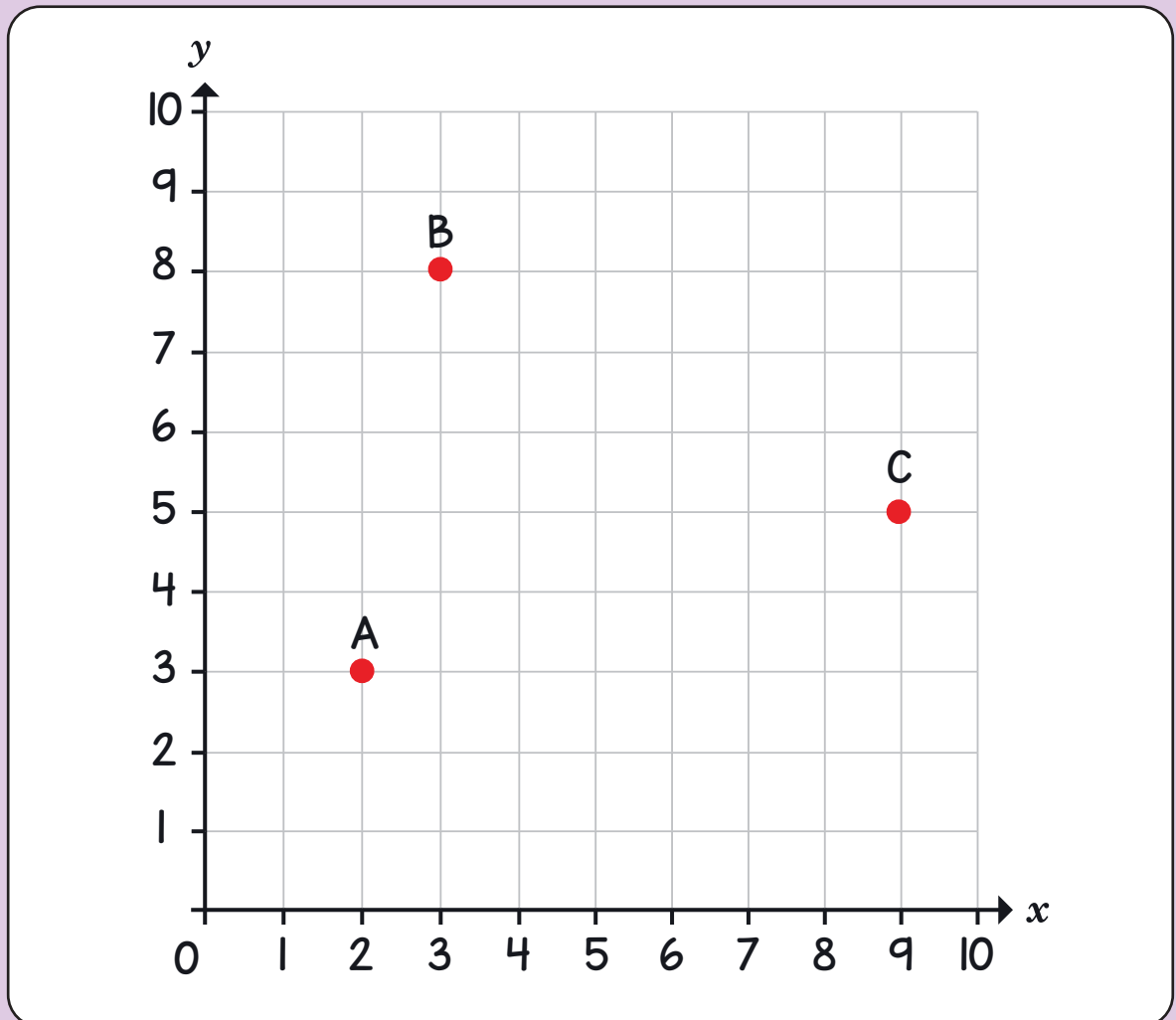
White
Rose
Maths



From White Rose Maths schemes for Year 4 Summer Term
BLOCK 6 - POSITION AND DIRECTION



Write the coordinates of the points marked on the grid.



A (,)

B (,)

C (,)

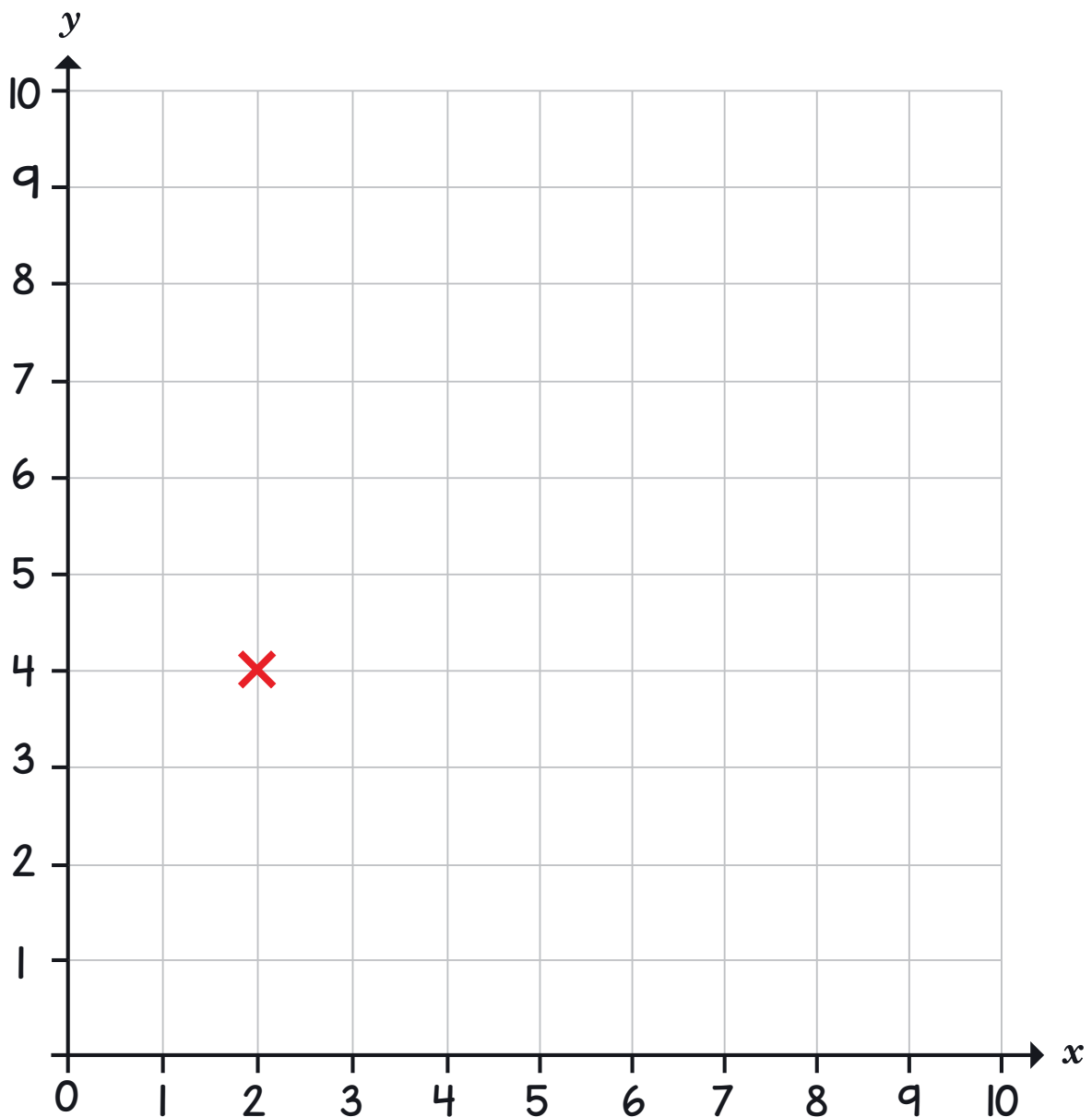
2 Plot the coordinate pairs.

The first one has been done for you.

A (2, 4)

B (6, 4)

C (4, 10)

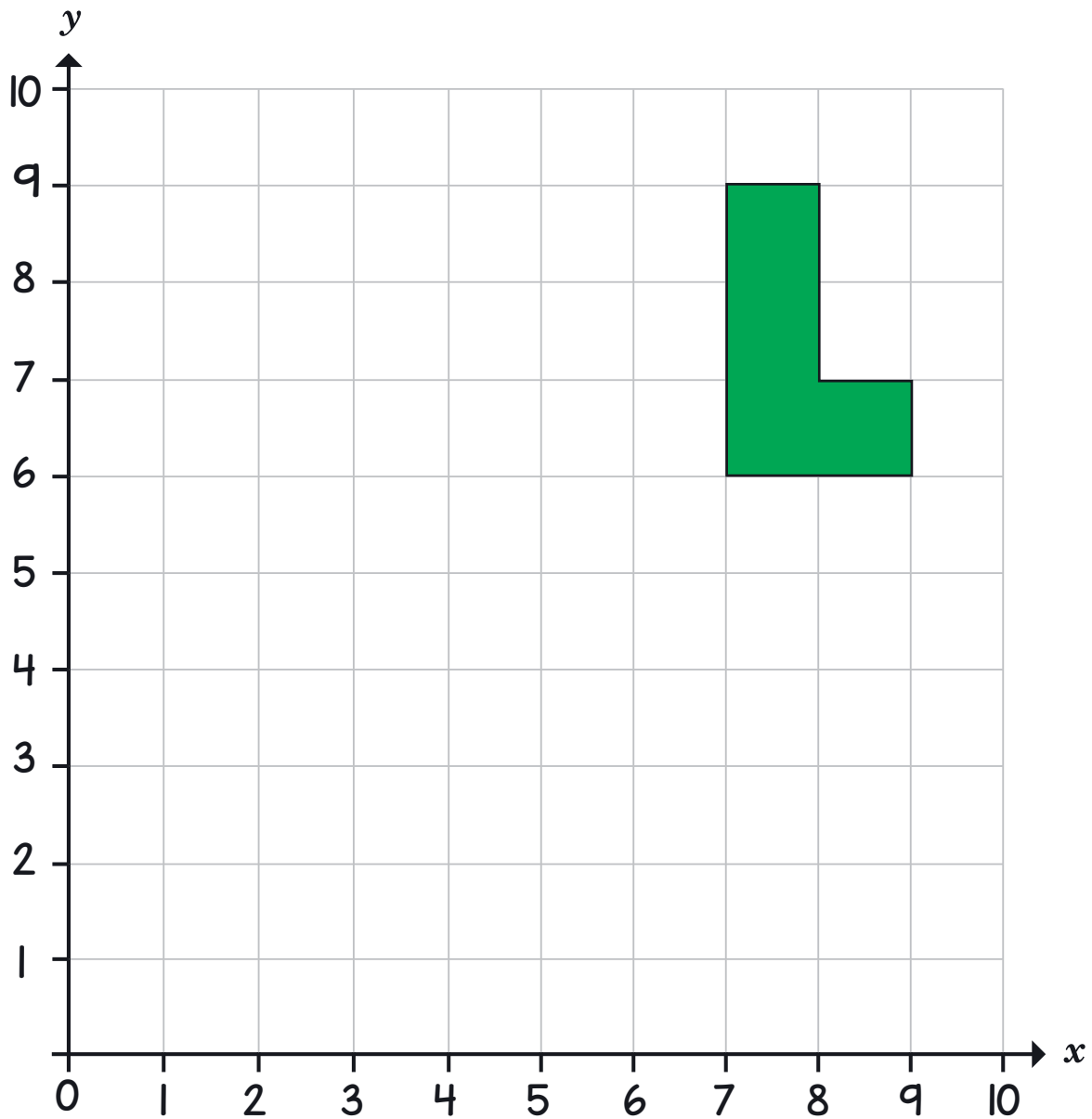


Draw lines to join the plotted points.

What shape have you drawn? _____

3 Translate the shape 6 squares left.

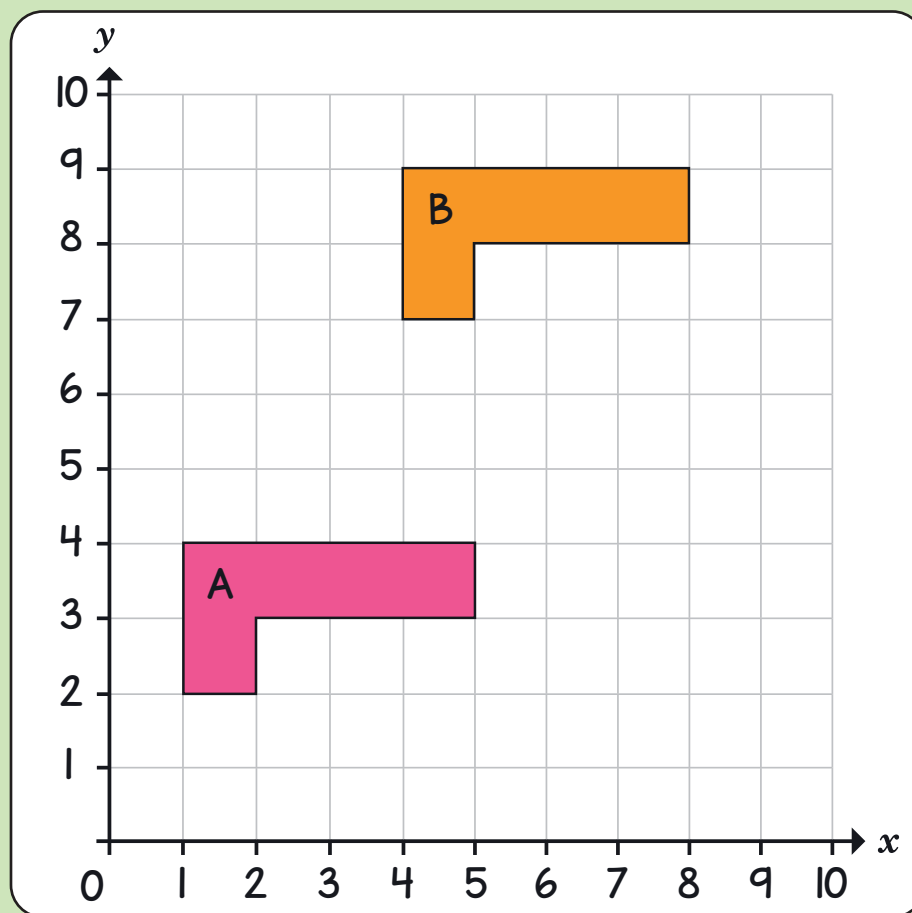
Label the new shape A.



Translate shape A 5 squares down.

Label the new shape B.

- 4 Shape A is translated to shape B.



Circle the correct words to describe the translation.

Shape A has been translated 3 squares **left** / **right** and 5 squares **up** / **down**.

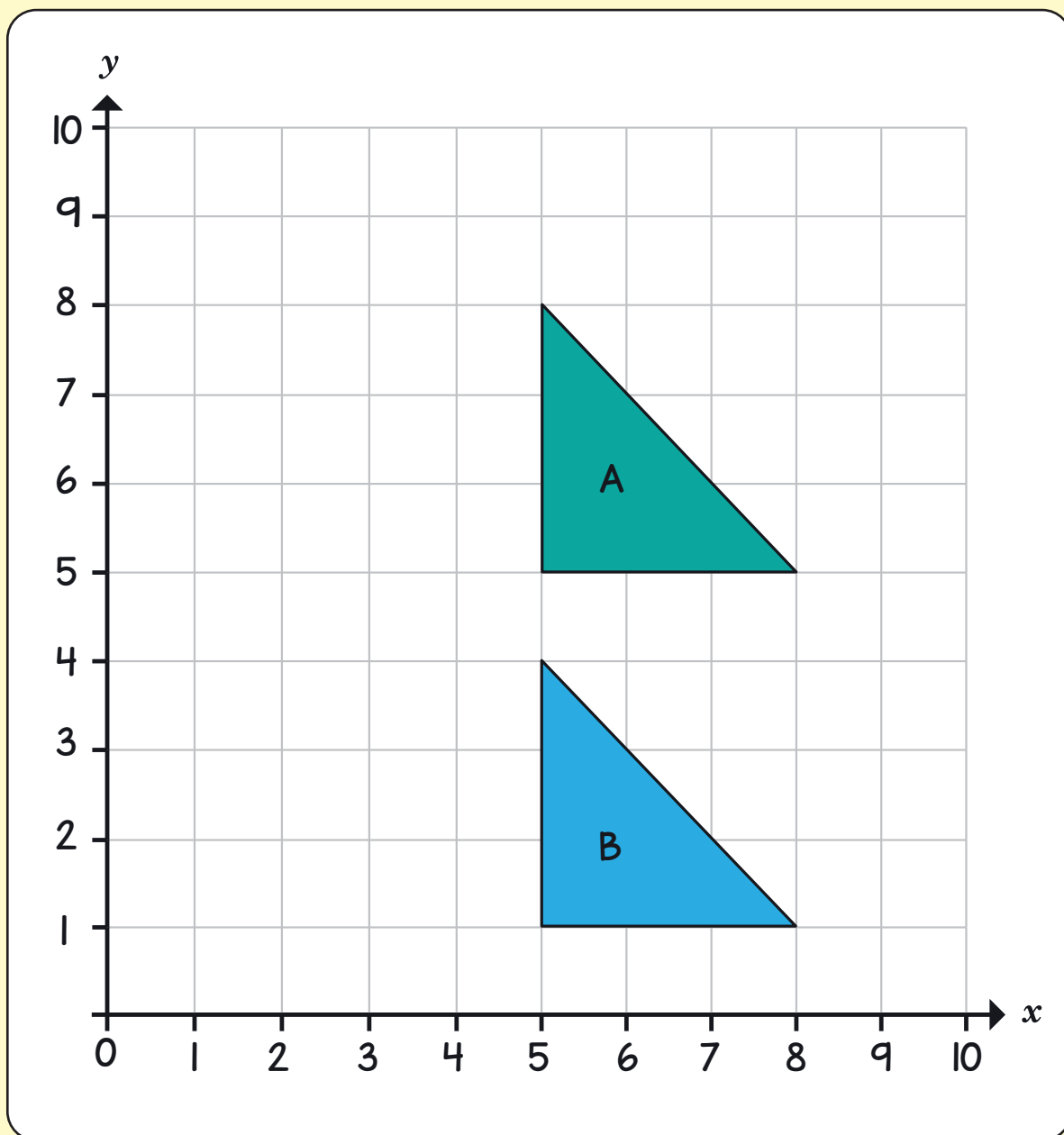
Tick the statements you agree with.

One of the vertices on shape B is (5, 7).

☐

The vertex (1, 4) on shape A has been translated to (4, 7).

☐



Complete the sentence to describe the translation of shape A to shape B.

Shape A has been translated squares right and squares down.

6

The point (4, 9) is translated up.
Circle the coordinate that will change.

(4 , 9)

The point (2, 5) is translated left.
Circle the coordinate that will change.

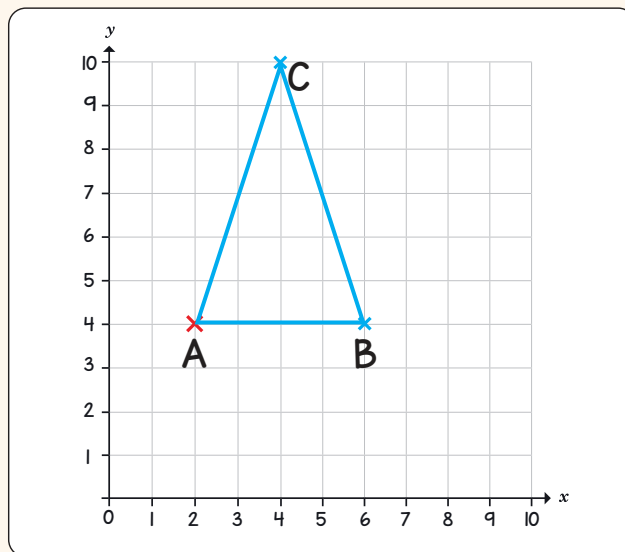
(2 , 5)

Answers



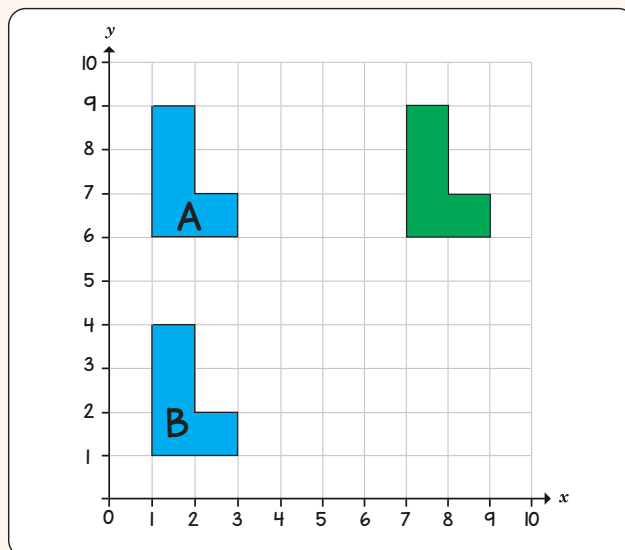
- 1 A (2, 3)
B (3, 8)
C (9, 5)

2




isosceles triangle

3



- 4 Shape A has been translated 3 squares **left** / **right** and 5 squares **up** / **down**.

One of the vertices on shape

B is (5, 7). 

- 5 Shape A has been translated **0** squares right and **4** squares down.

- 6 (4, **9**) (**2**, 5)