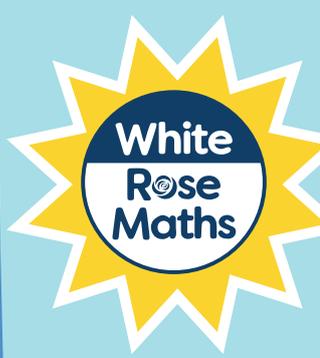


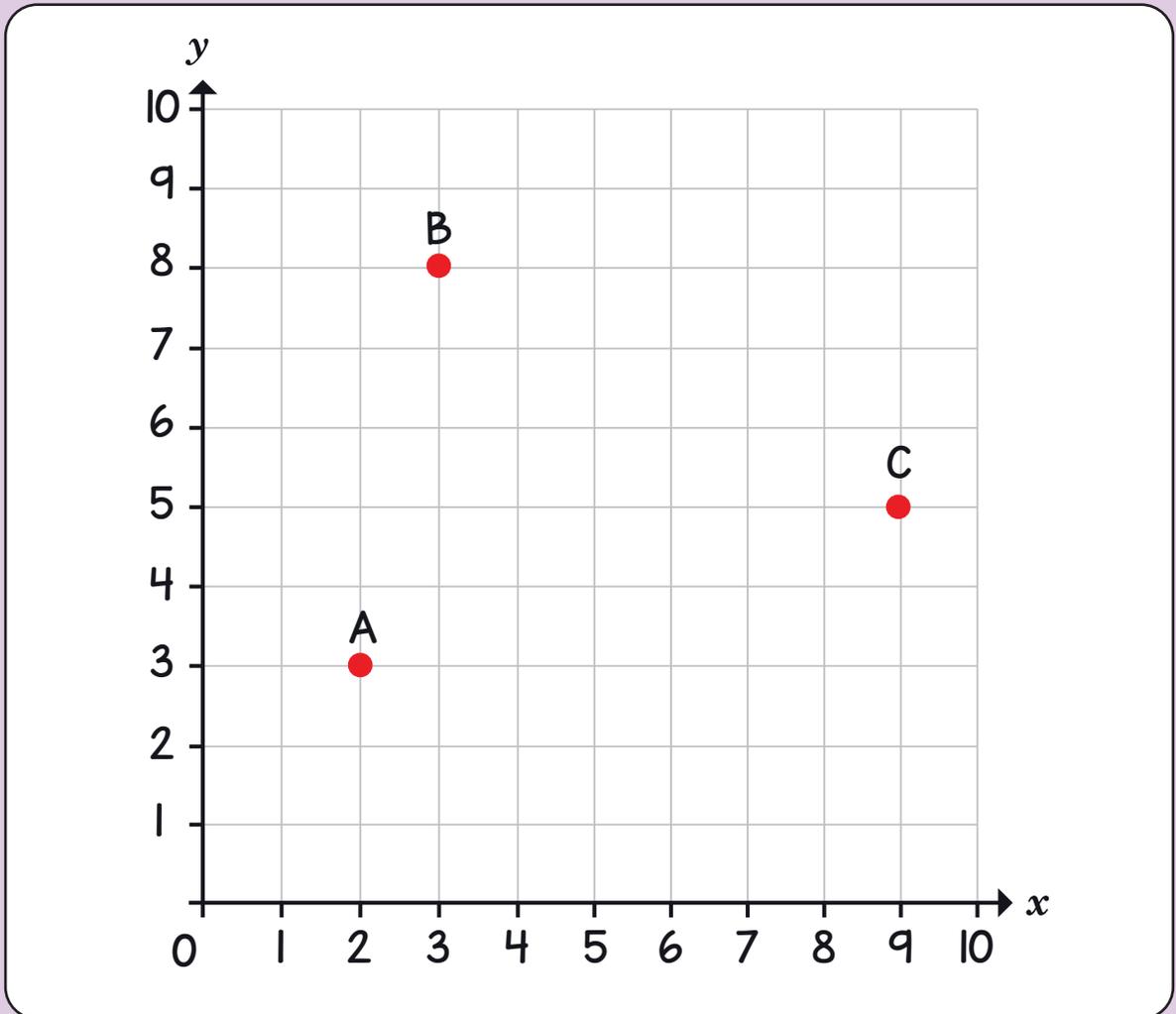
4

POSITION AND DIRECTION





Write the coordinates of the points marked on the grid.



A (,)

B (,)

C (,)

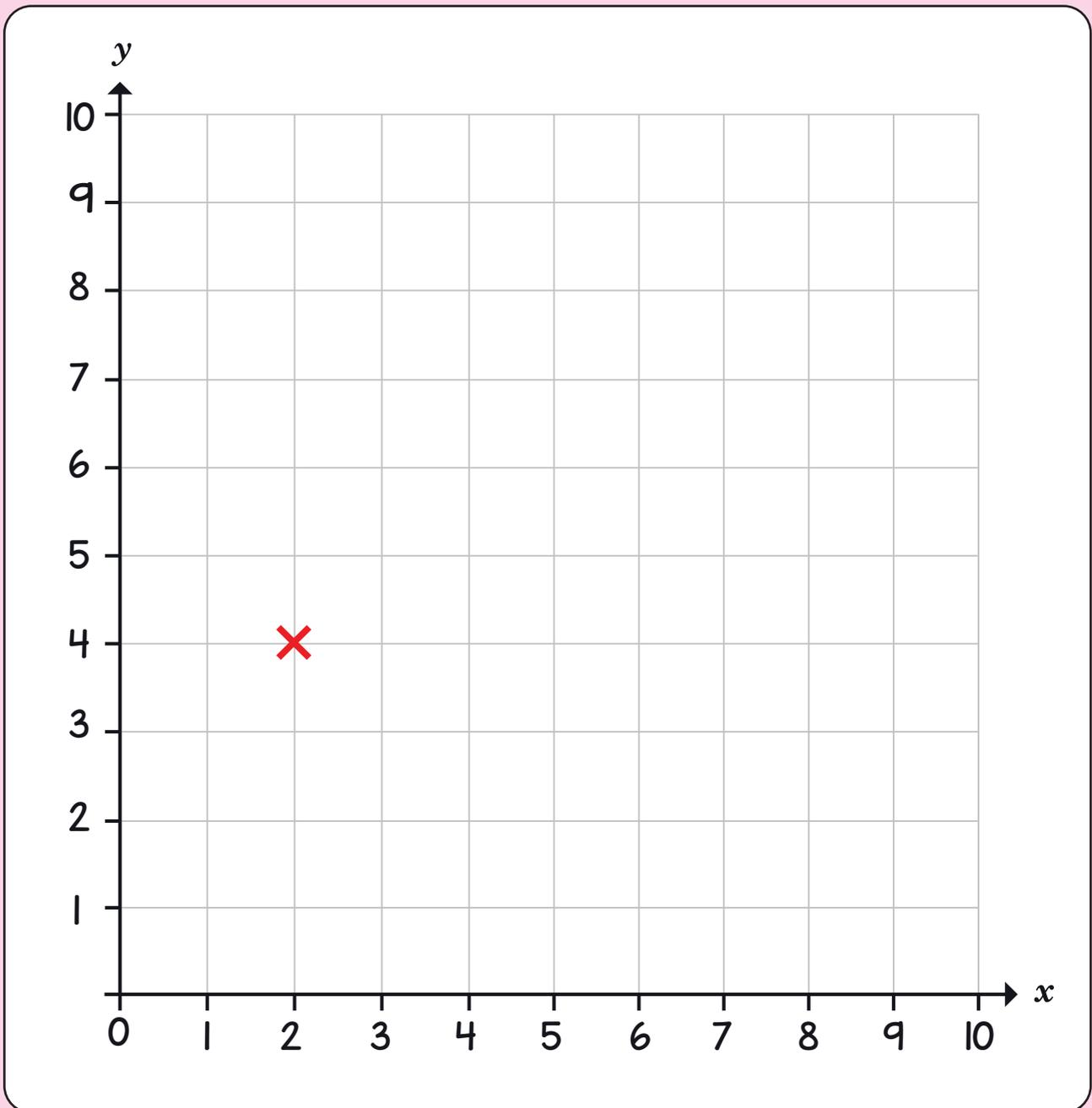
2 Plot the coordinate pairs.

The first one has been done for you.

A (2, 4)

B (6, 4)

C (4, 10)

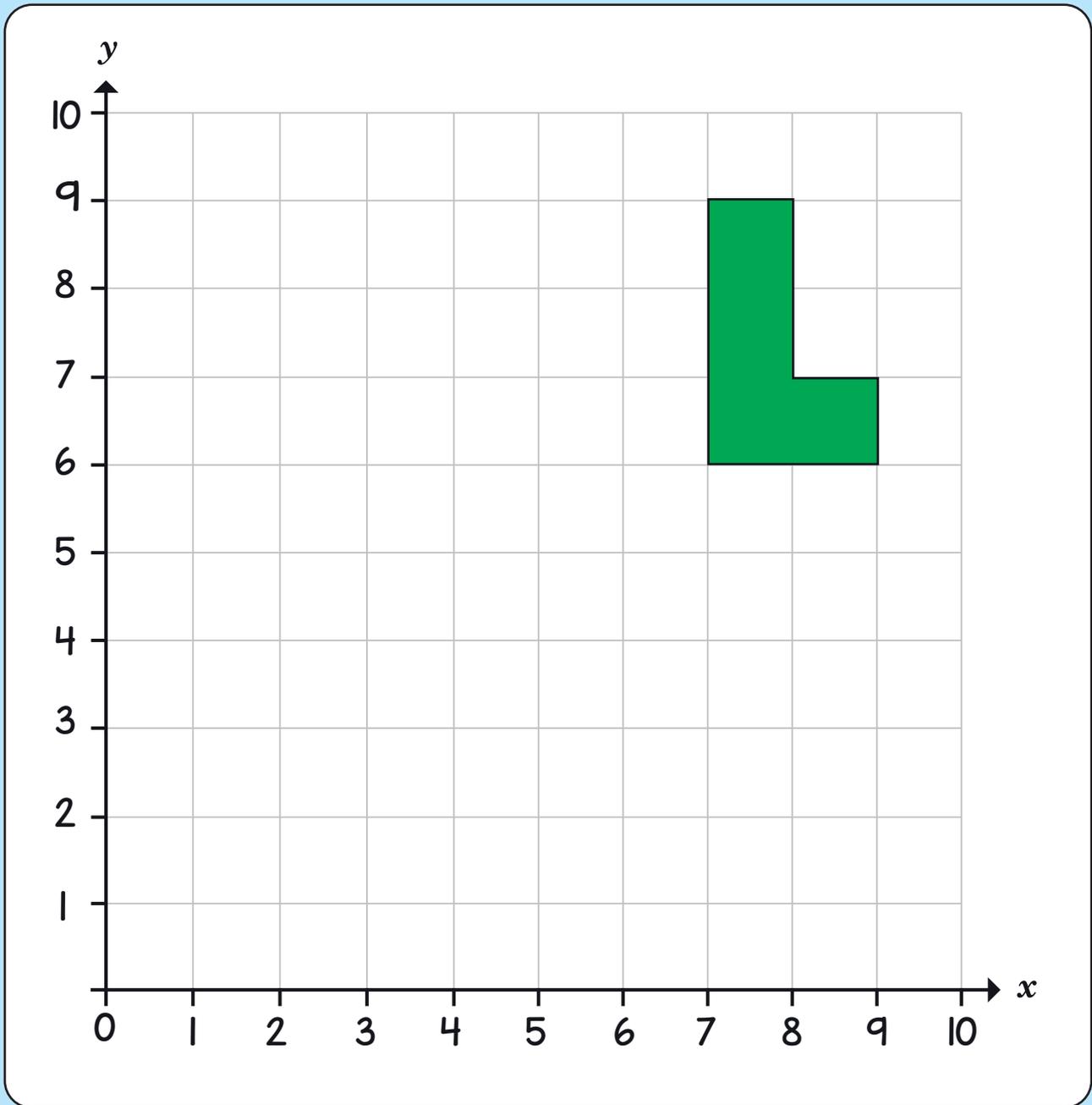


Draw lines to join the plotted points.

What shape have you drawn? _____

3 Translate the shape 6 squares left.

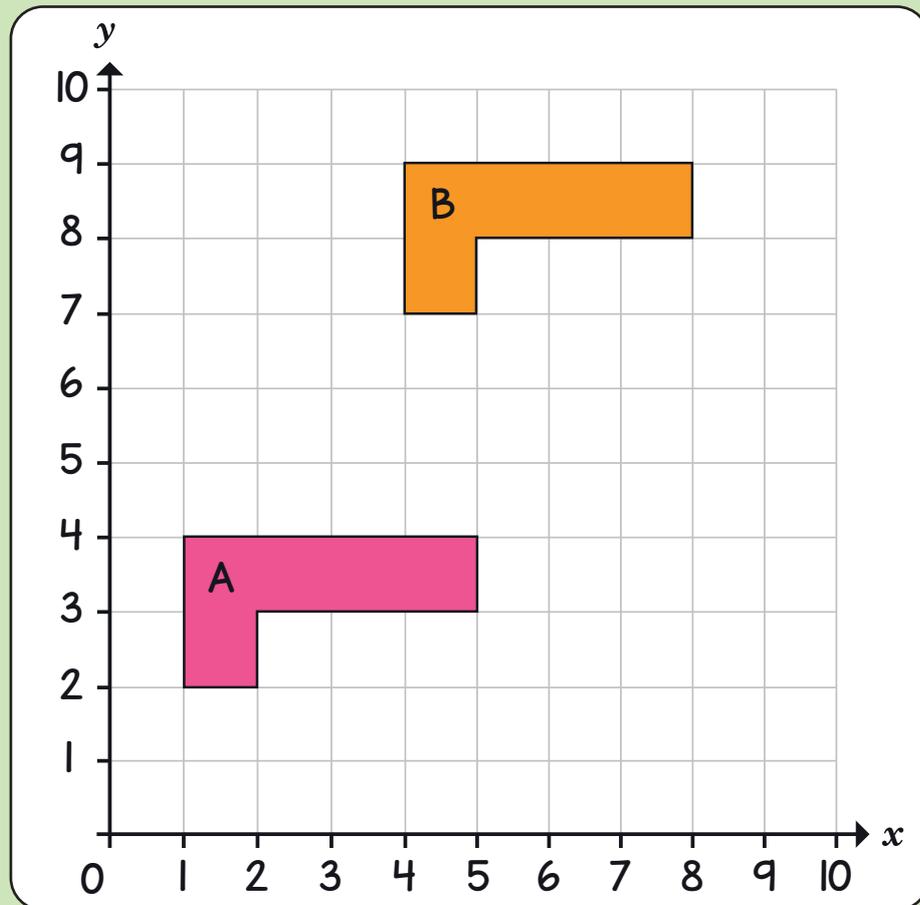
Label the new shape A.



Translate shape A 5 squares down.

Label the new shape B.

4 Shape A is translated to shape B.



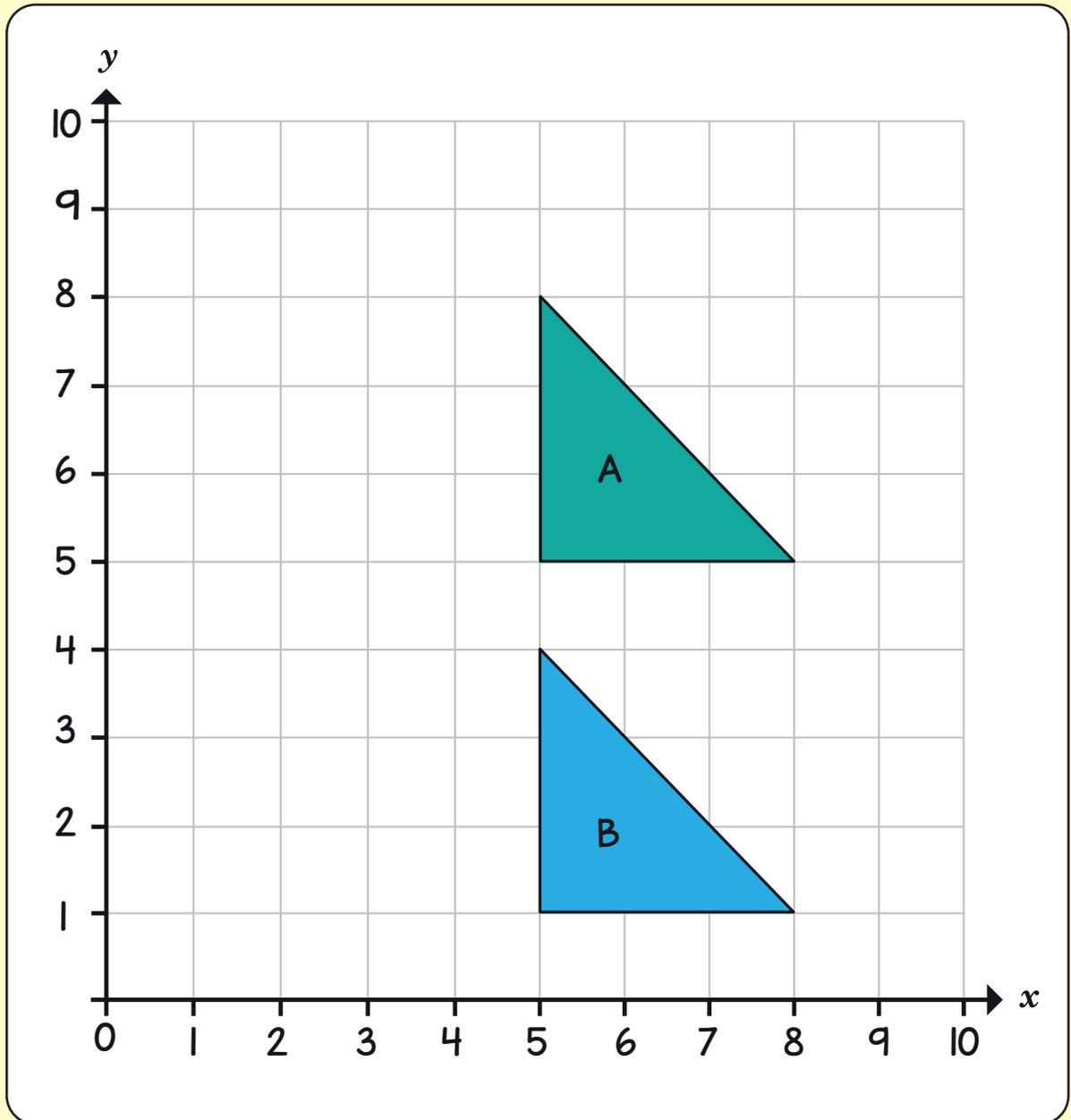
Circle the correct words to describe the translation.

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.

$(4, 9)$

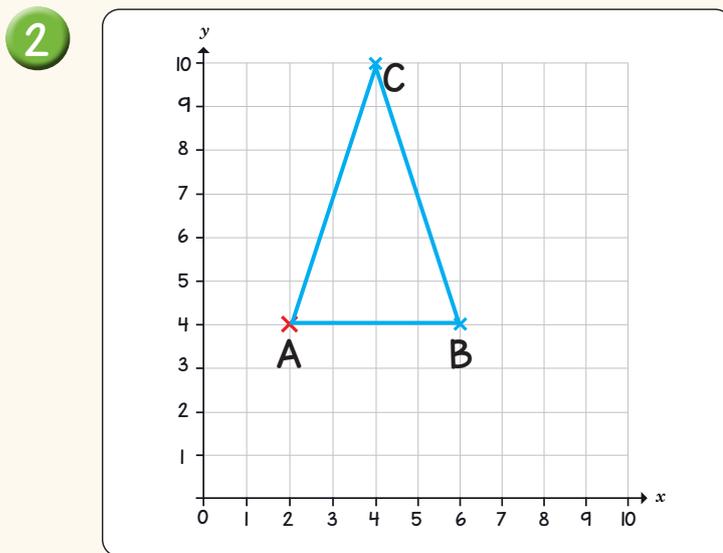
The point $(2, 5)$ is translated left.
Circle the coordinate that will change.

$(2, 5)$

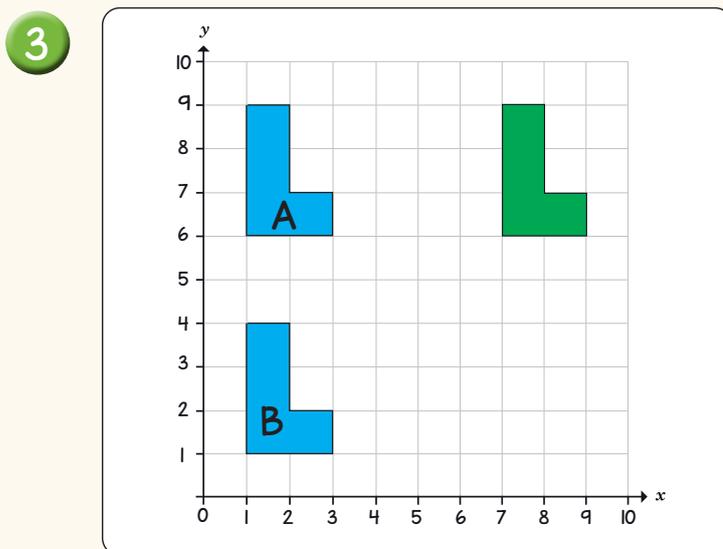
Answers



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



isosceles triangle



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)