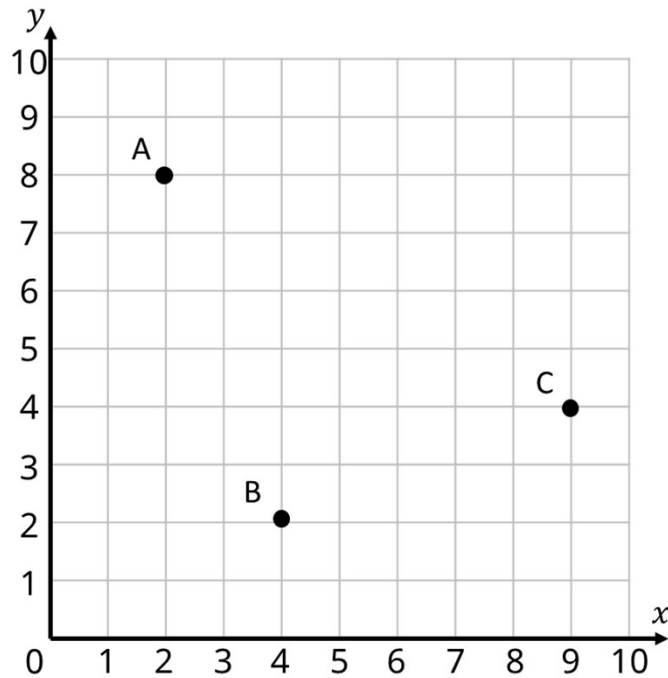


Position and direction

A

Name _____

- 1 Write down the coordinates of the points marked on the grid.



$$A = (2 , 8)$$

$$B = (4 , 2)$$

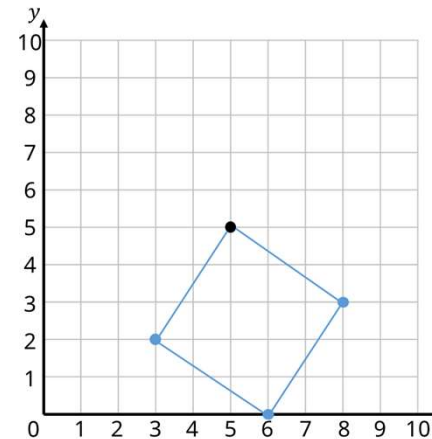
$$C = (9 , 4)$$

Award 1 mark for 2 correct.



2 marks

- 2 Plot the coordinates on the grid. The first has been done for you.



Award 1 mark for 2 points correctly marked.

(5, 5)

(8, 3)

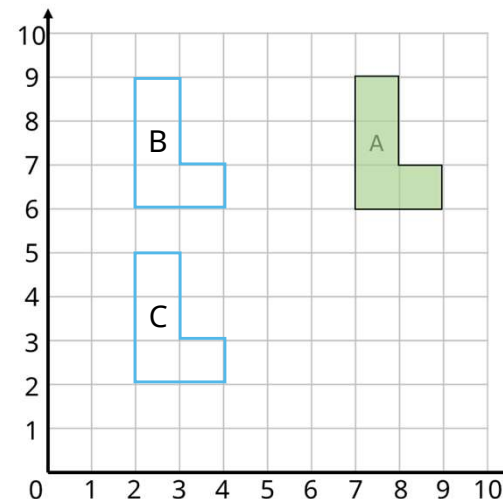
(6, 0)

(3, 2)

Draw lines to join the points. What shape have you drawn.

square

- 3 Translate shape A 5 squares left. Label the new shape B. Translate shape B 4 squares down. Label the new shape C.



Award 1 mark for 1 translation completed correctly.



2 marks

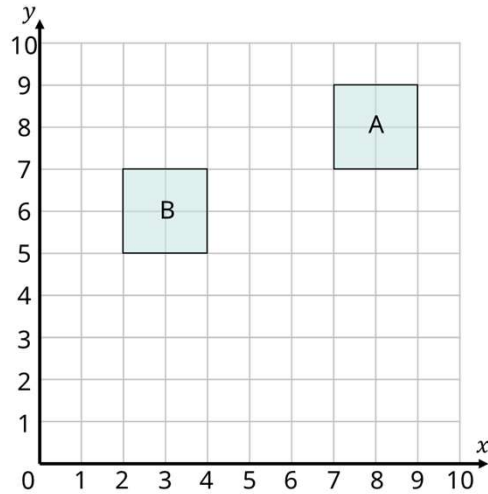


1 mark



2 marks

4 Shape A is translated to shape B.



Complete the sentence.

Shape A has been translated 5 squares left
and 2 squares down.

Complete the table.

	True	False
One of the vertices on shape B is (4, 5)	✓	
The vertex (7, 7) on shape A has been translated to (2, 7)		✓

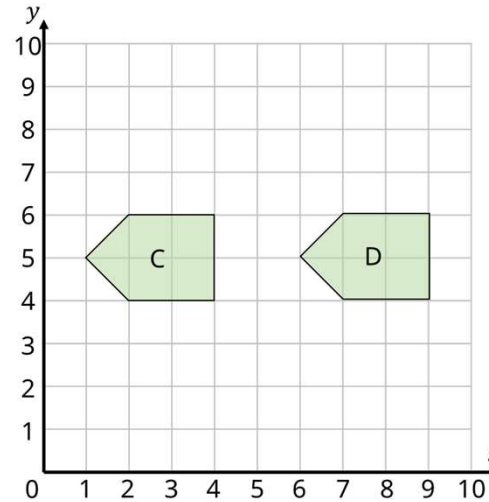


2 marks



2 marks

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



Shape C has been translated 5 squares right
and 0 squares up.



2 marks

6 The point (2, 3) is translated 2 squares up.

What are the coordinates of the new point?

(2 , 5)

The point (5, 4) is translated 3 squares left.

What are the coordinates of the new point?

(2 , 4)



2 marks