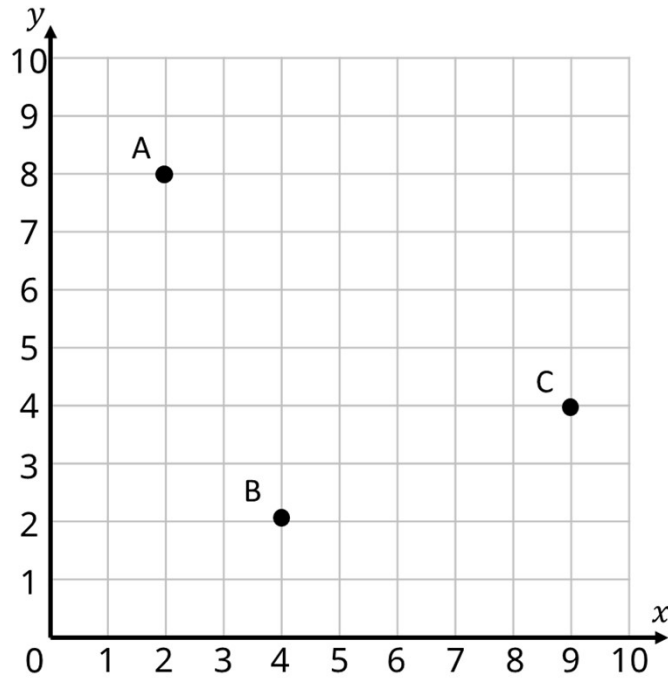


Position and direction

A

Name _____

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



A = (,)

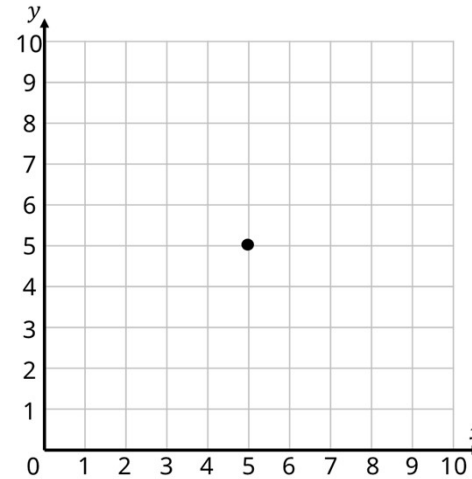
B = (,)

C = (,)



2 marks

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



(5, 5)

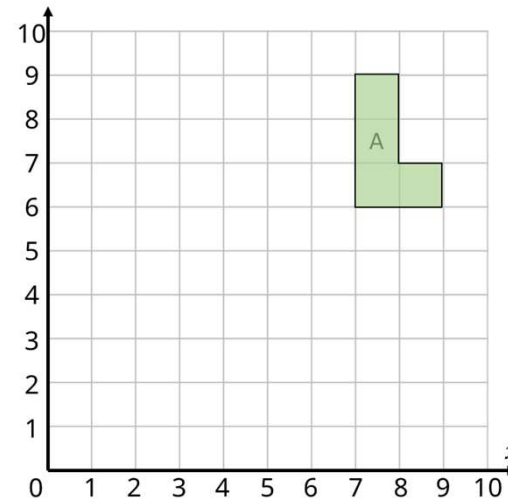
(8, 3)

(6, 0)

(3, 2)

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

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



2 marks

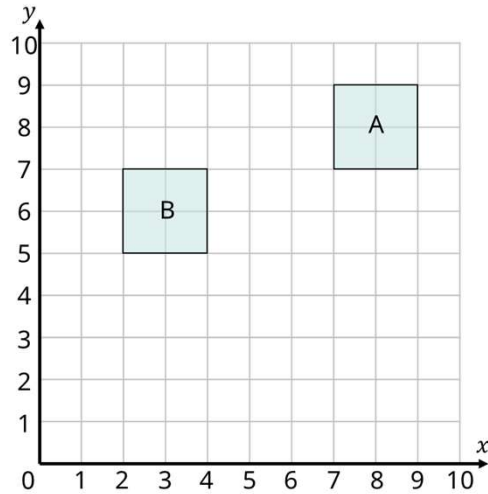


1 mark



2 marks

4 Shape A is translated to shape B.



Complete the sentence.

Shape A has been translated 5 squares _____
and 2 squares _____.



2 marks

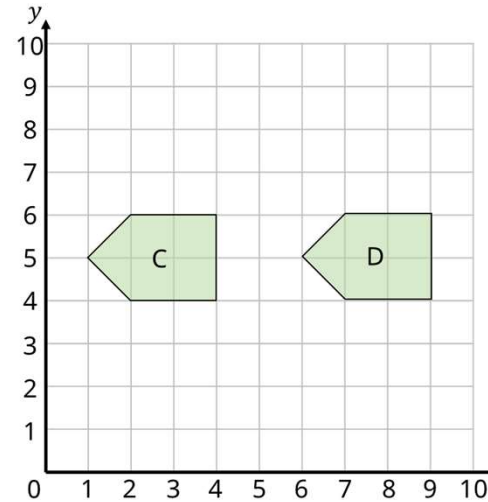
Complete the table.

	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

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



Shape C has been translated _____ squares right
and _____ squares up.



2 marks

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

What are the coordinates of the new point?

(,)

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

What are the coordinates of the new point?

(,)



2 marks