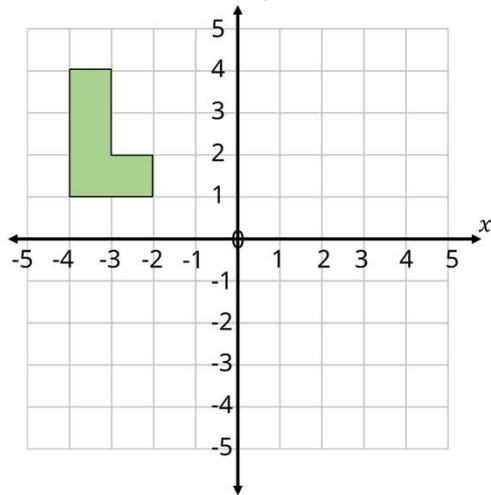
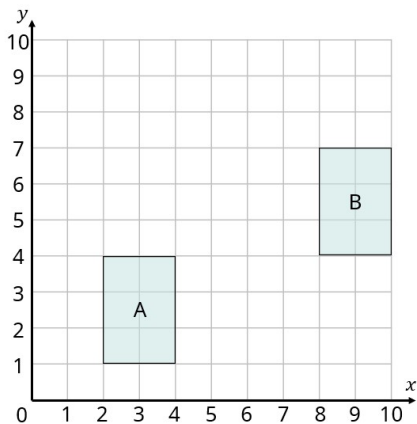




- 4 Reflect the shape in the  $x$  axis.



- 5 Eva translates shape A 4 right and 3 up. She labels her new shape B.



Explain why Eva's translation is wrong.

What are the co-ordinates of the correctly translated shape?

( , ) ( , ) ( , ) ( , )



2 marks

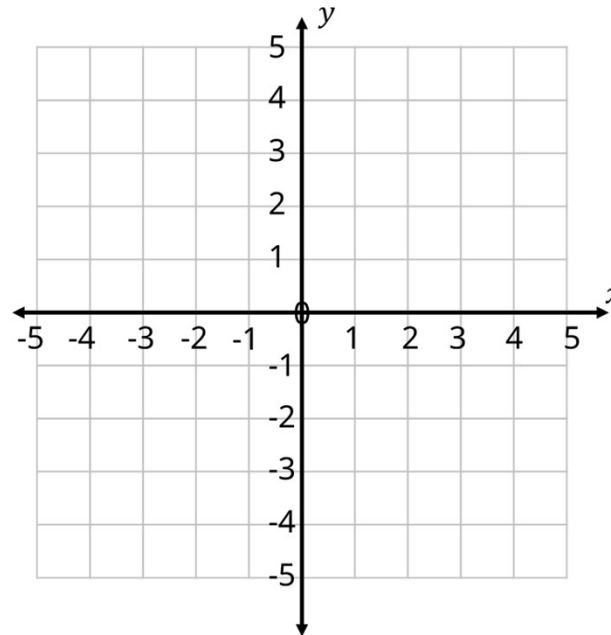


1 mark



2 marks

- 6 On the grid, draw a shape with vertices at  $(-3, -3)$   $(-4, -2)$  and  $(-5, -2)$



Reflect the shape in the  $x$  axis. Label your new shape P.

Translate P 6 right and 1 up. Label your new shape Q.

- 7 A square is drawn on a cm grid. Three of its vertices are  $(4, 3)$ ,  $(8, 3)$  and  $(8, 7)$

What is the perimeter of the square?

\_\_\_\_\_ cm



1 mark



2 marks



2 marks



2 marks