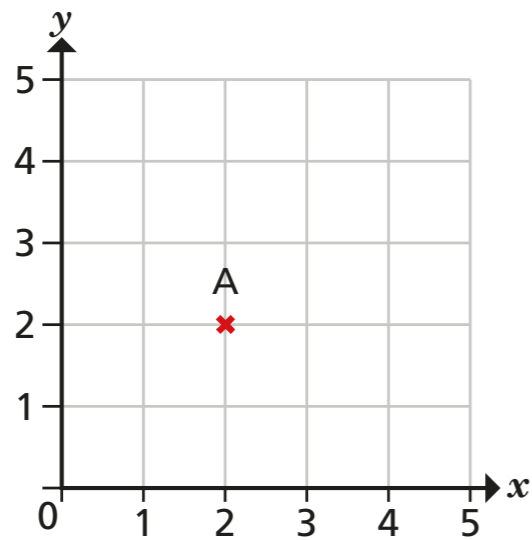


3 Point A is marked on the grid.



a) What are the coordinates of point A? (,)

b) Translate point A 3 to the right and 2 up.
Label this point B and write its coordinates. (,)

c) Translate point B 3 to the left.
Label this point C and write its coordinates. (,)

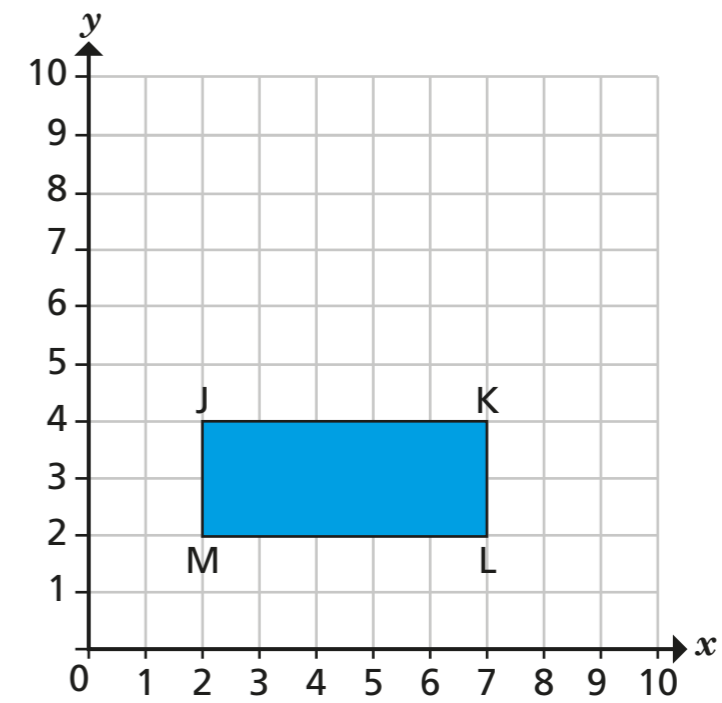
d) Translate point C 3 to the right and 2 down.
Label this point D and write its coordinates. (,)

e) Join the points.
What shape have you made? _____

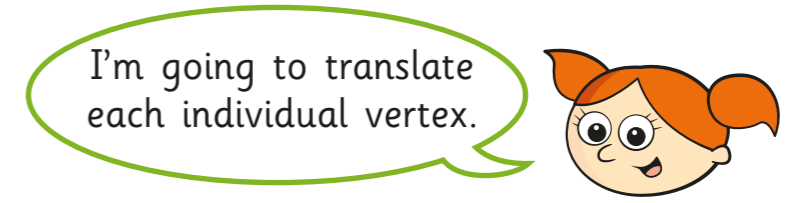
Create your own problem like this for a partner.



4 A rectangle is drawn on the grid.



a) Alex wants to translate the rectangle 3 to the right and 4 up.



Will Alex's method work? _____

Talk about it with a partner.

b) Translate the rectangle 3 to the right and 4 up.
Complete the table to show the coordinates of each vertex before and after the translation.

Vertex	Before	After
J		
K		
L		
M		

