

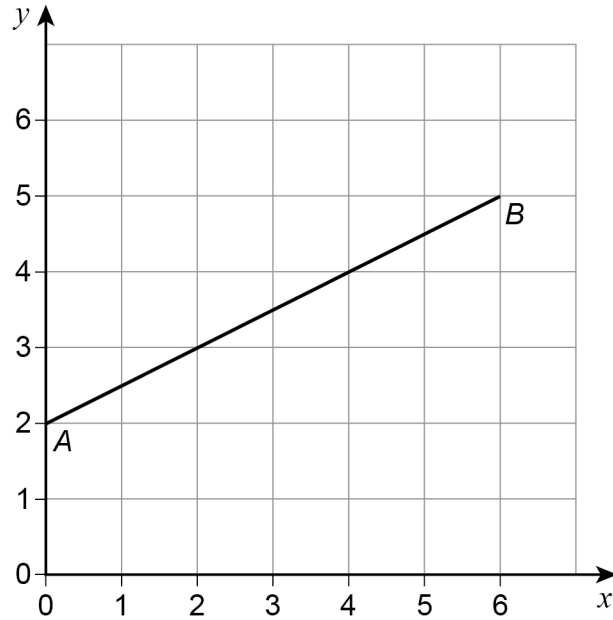


Do not write  
outside the  
box

7 Line  $AB$  is shown on the grid.

$A$  is the point  $(0, 2)$

$B$  is the point  $(6, 5)$



7 (a) Work out the coordinates of the midpoint of the line  $AB$ .

[1 mark]

Answer ( \_\_\_\_\_ , \_\_\_\_\_ )



- 7 (b)  $C$  is another point on  $AB$ .  
 $C$  is closer to  $B$  than to  $A$ .  
The coordinates of  $C$  are whole numbers.

Work out the coordinates of  $C$ .

[1 mark]

Answer ( \_\_\_\_\_ , \_\_\_\_\_ )

- 7 (c) On the grid, draw a line from point  $(0, 0)$  that is  
parallel to  $AB$   
and  
two thirds as long as  $AB$ .

[2 marks]

**Turn over for the next question**

