Translation with coordinates



Four points have been plotted on a coordinate grid.



- a) Translate each point 3 to the right.
- **b)** Complete the table to show the coordinates of each point before and after the translation.

Point	Coordinates before	Coordinates after
А		
В		
С		
D		

What do you notice?

- c) Which part of the coordinate stayed the same?
- d) Which part of the coordinate changed?
- e) Point E has the coordinates (12, 4). It is translated 3 to the right.

What are the coordinates of the translated point? (

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	,)

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Four points have been plotted on a coordinate grid.



- a) Translate each point 2 up.
- and after the translation.

Point	Coordinates before	Coordinates after
А		
В		
С		
D		

What do you notice?

- c) What has stayed the same in each coordinate?
- d) What has changed?
- It is translated 2 up.

e) Point E has the coordinates (12, 4). What are the coordinates of the translated point?



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b) Complete the table to show the coordinates of each point before











After				
(5, 13)				
(5, 20)				
(14,)		
(14,)		
(10, 25)				





