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	(1,2)	(4,2)
В	(3,5)	(6,5)
С	(L, L)	(7,1)
D	(5,3)	(8,3)

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? (



2

Four points have been plotted on a coordinate grid.



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

Point	Coordinates before	Coordinates after
A	(1,2)	(1, 4)
В	(3,S)	(3,7)
С	(4,1)	(4,3)
D	(s,3)	(s, \tilde{s})

What do you notice?

- c) What has stayed the same in each coordinate?
- d) What has changed?
- e) Point E has the coordinates (12, 4). It is translated 2 up.

What are the coordinates of the translated point?



White Rose Maths



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







© White Rose Maths 2020



Amir

After
(5, 13)
(5, 20)
(14,]3)
(14, 20)
(10, 25)







© White Rose Maths 2020