

Y4 – Maths – Position – Lesson 4

LO: to describe position

Today, we're describing movement based on a start and end position of two points or a shape.

1. Describe the translation from A to B.

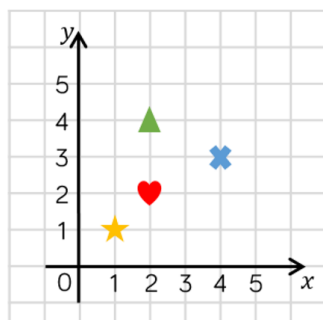
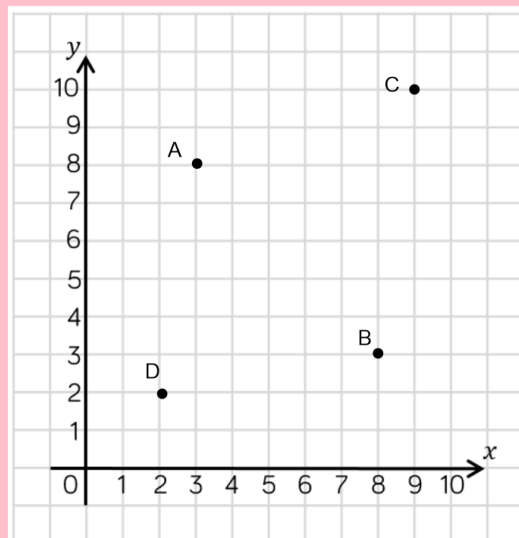
Five squares right and five squares down.

2. Describe the translation from B to C.

One square right and seven squares up.

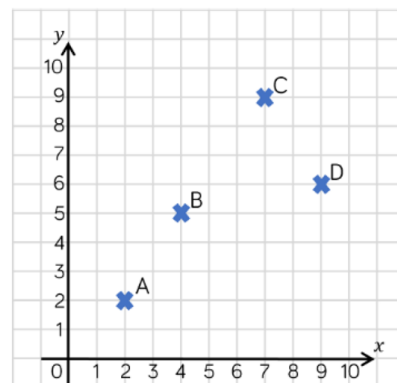
3. Describe the translation from C to D.

Seven squares left and eight squares down.



Describe the translation from:

1.  to 
2.  to 
3.  to 
4.  to 



Describe the translation from:

1. A to B
2. B to C
3. C to D
4. D to A

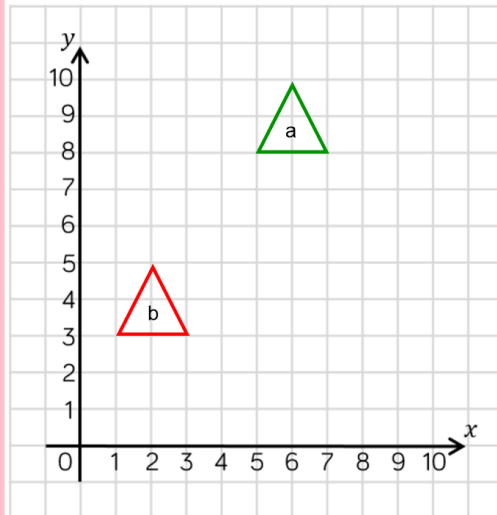
1. Describe the translation of:

a. shape A to shape B.

Four squares left and five squares down.

b. shape B to shape A.

Four squares right and five squares up.



1. Describe the translation of:

a. shape A to shape B.

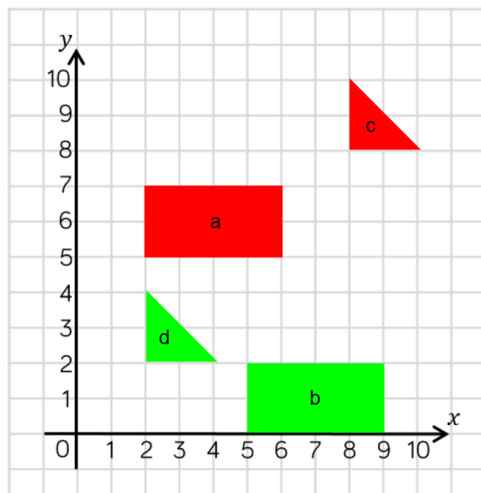
b. shape B to shape A.

2. Describe the translation of:

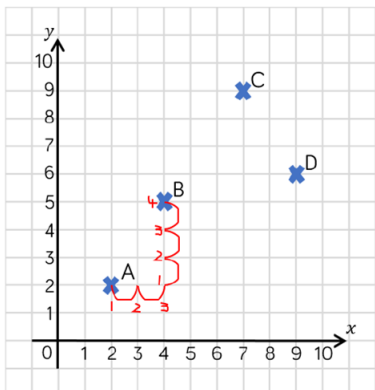
a. shape C to shape D

b. shape D to shape C

3. What do you notice about the translations?



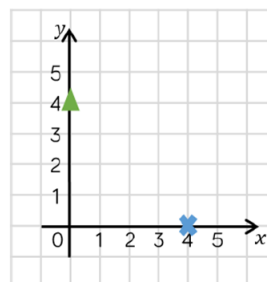
Tommy has described the translation from A to B as 3 right and 4 up.



Can you explain his mistake?

▲ to ✖ is 4 right and 4 down.

✖ to ▲ is 4 left and 4 up.



Can you plot other pairs of points where to move between them, you travel the same to left or right as you travel up or down?

What do you notice about the coordinates of these points?