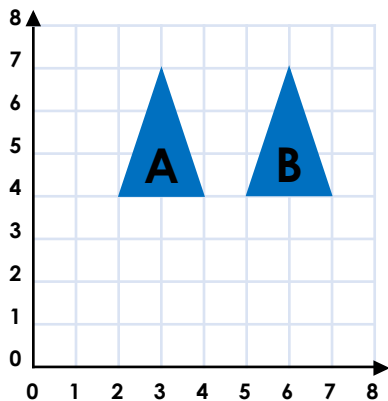


Translations

1a. A shape is translated from position A to position B. Complete the sentence:



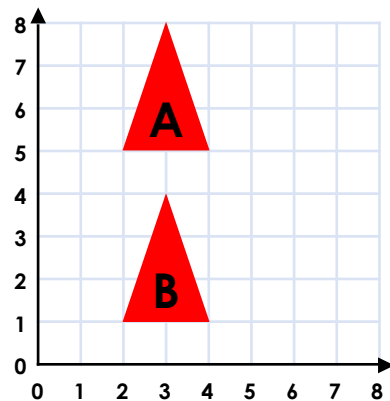
The shape has moved squares to the right.



VF

Translations

1b. A shape is translated from position A to position B. Complete the sentence:

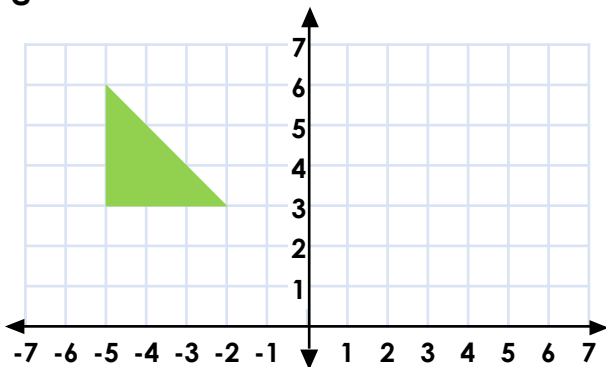


The shape has moved squares down.



VF

2a. Translate this shape 5 squares to the right.

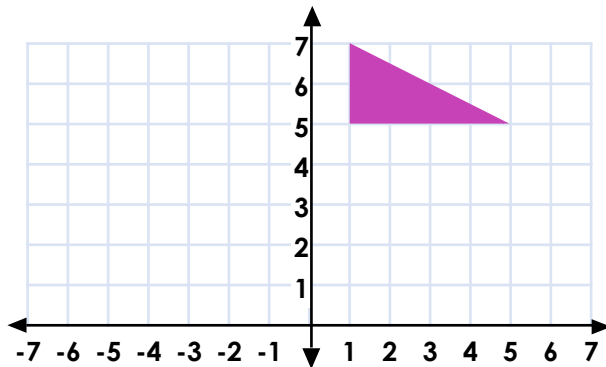


What are its new coordinates?



VF

2b. Translate this shape 3 squares to the left.

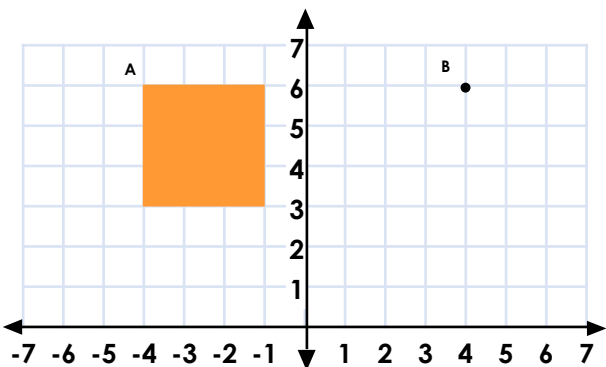


What are its new coordinates?



VF

3a. This shape is translated so that point A moves to point B.

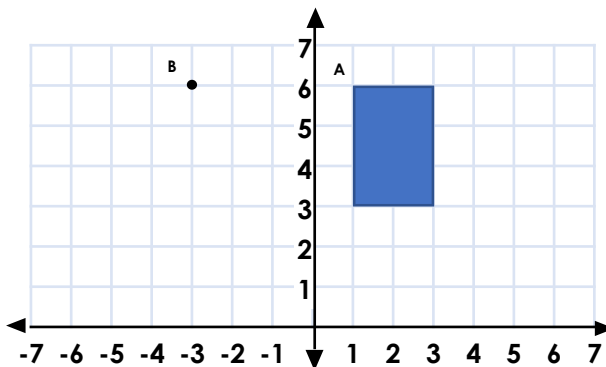


Draw the shape in its new position and write down the coordinates.



VF

3b. This shape is translated so that point A moves to point B.



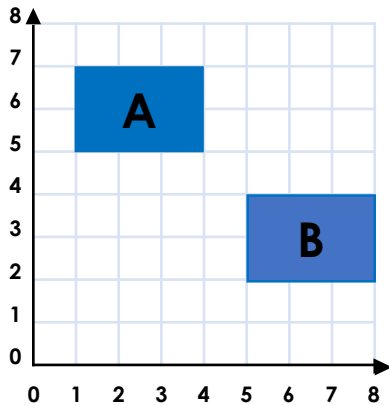
Draw the shape in its new position and write down the coordinates.



VF

Translations

4a. A shape is translated from position A to position B. Complete the sentence:



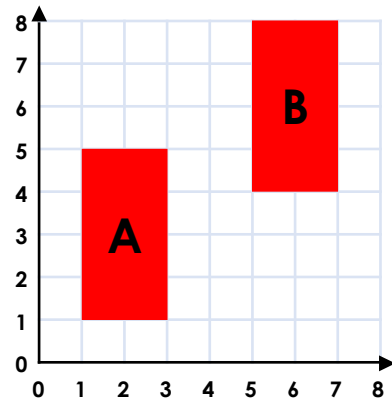
The shape has moved squares to the right and squares down.



VF

Translations

4b. A shape is translated from position A to position B. Complete the sentence:

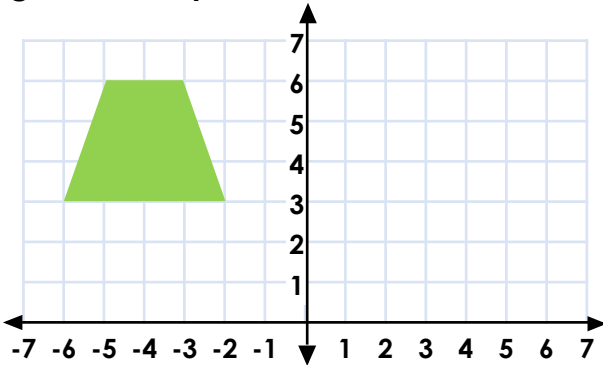


The shape has moved squares to the right and squares up.



VF

5a. Translate this shape 4 squares to the right and 2 squares down.

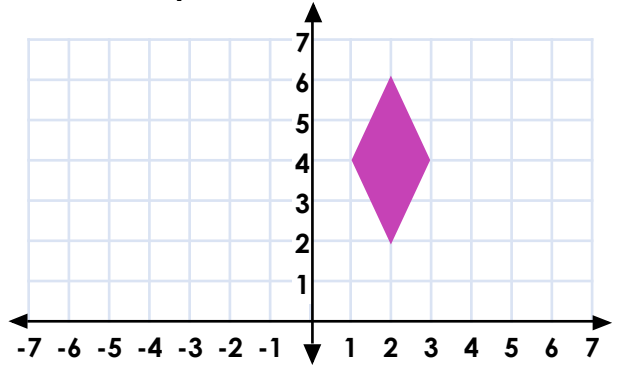


What are its new coordinates?



VF

5b. Translate this shape 3 squares to the left and 2 squares down.

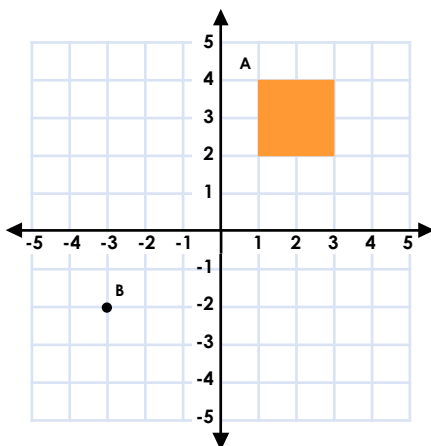


What are its new coordinates?



VF

6a. This shape is translated so that point A moves to point B.

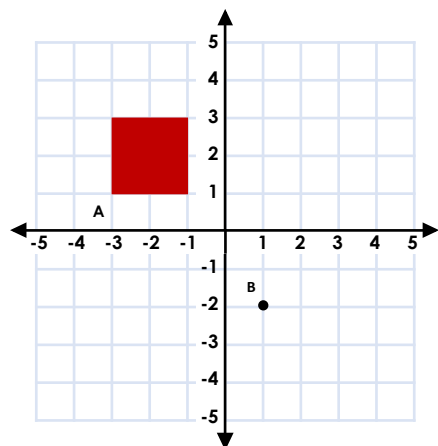


Draw the shape in its new position and write down the coordinates.



VF

6b. This shape is translated so that point A moves to point B.



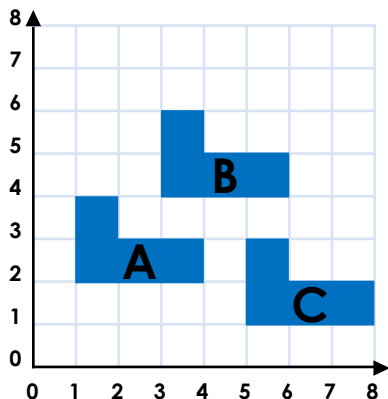
Draw the shape in its new position and write down the coordinates.



VF

Translations

7a. A shape is translated from position A to position B then to position C.



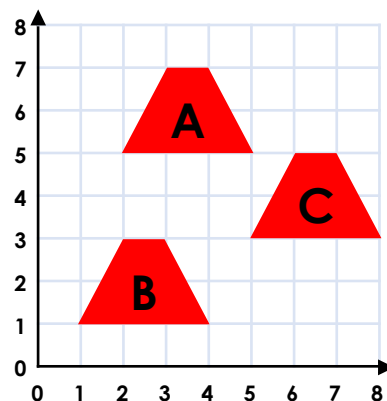
Describe the translations.



VF

Translations

7b. A shape is translated from position A to position B then to position C.

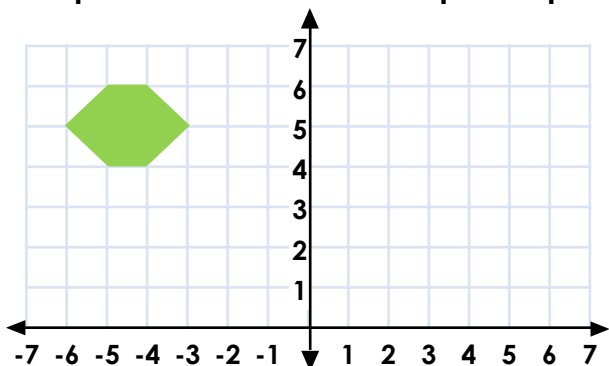


Describe the translations.



VF

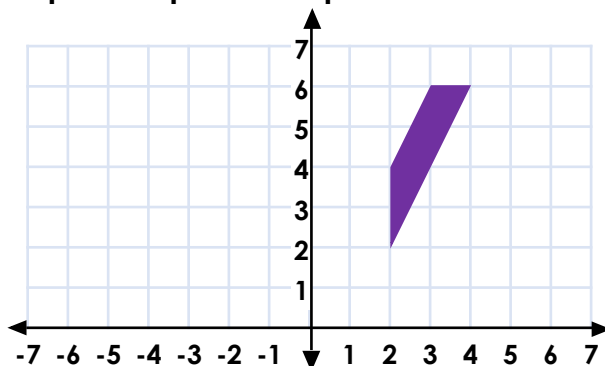
8a. Translate this shape 6 squares to the right and 3 squares down. Then translate it 1 square to the left and 1 square up.



What are its new coordinates?

VF

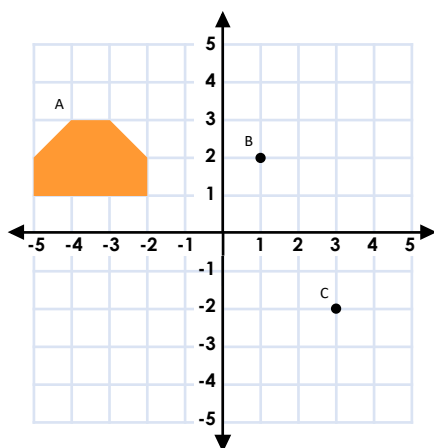
8b. Translate this shape 2 squares to the left and 2 squares down. Then translate it 3 squares up and 4 squares to the left.



What are its new coordinates?

VF

9a. This shape is translated so that point A moves to point B then to point C.

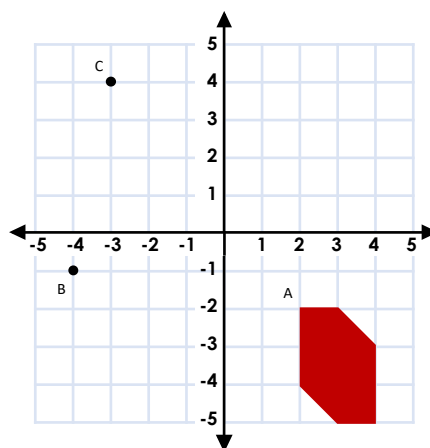


Draw the shape in its new positions and write down the coordinates.



VF

9b. This shape is translated so that point A moves to point B then to point C.



Draw the shape in its new position and write down the coordinates.



VF