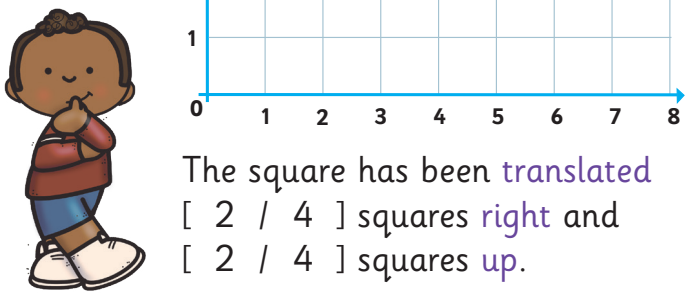
Translating Shapes

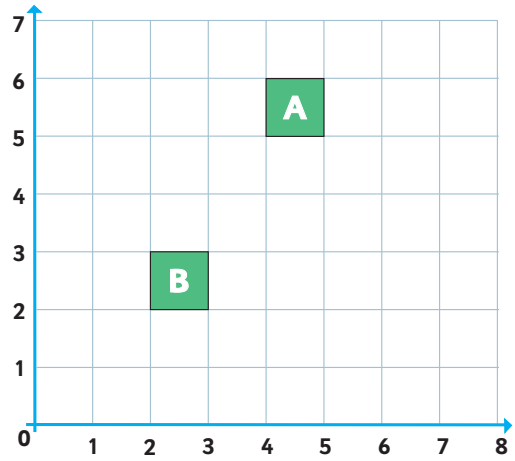
1. Complete the statements to describe how each shape has been translated from position A to position B. Either circle the right answer from the options, or write in the space:

a)



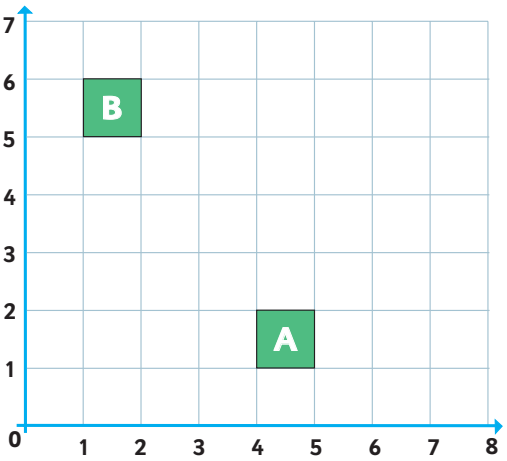
The square has been translated [2 / 4] squares right and [2 / 4] squares up.

b)



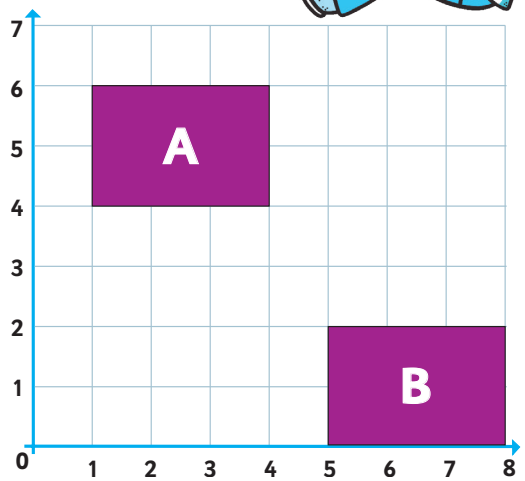
The square has been translated [2 / 3] squares [left / right] and [2 / 3] squares [up / down].

c)



The square has been translated ..... squares left and ..... squares up.

d)

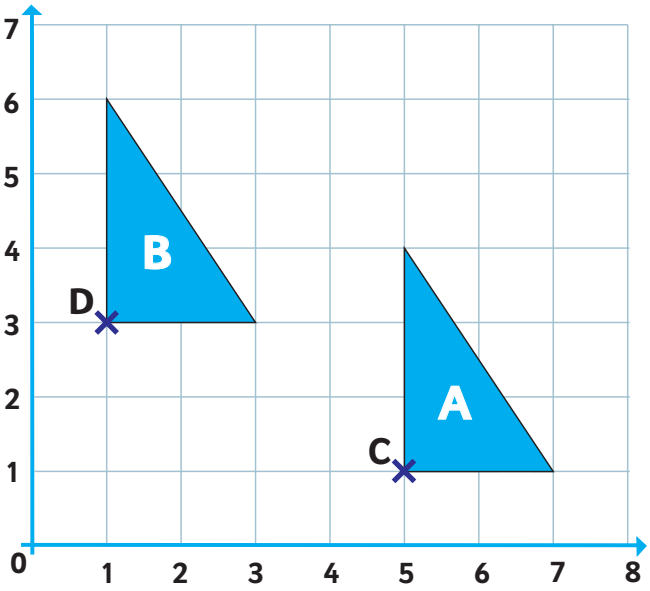


The rectangle has been translated ..... squares ..... and ..... squares ..... .

Translating Shapes

2. For the following questions, describe how the shape has been translated from position A to position B. Can you give the coordinates of points C and D?

a)



The triangle has been translated

.....

.....

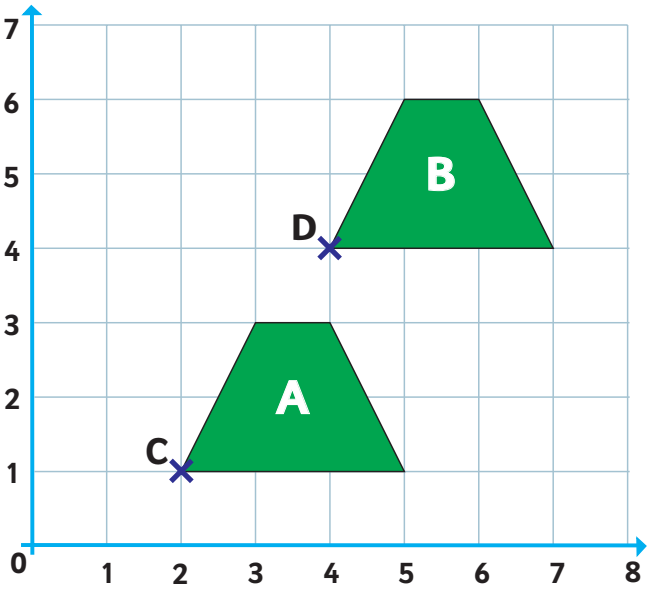
The coordinates of point C are:

(..... , ...)

The coordinates of point D are:

(..... , ...)

b)



The trapezium has been translated

.....

.....

The coordinates of point C are:

(..... , ...)

The coordinates of point D are:

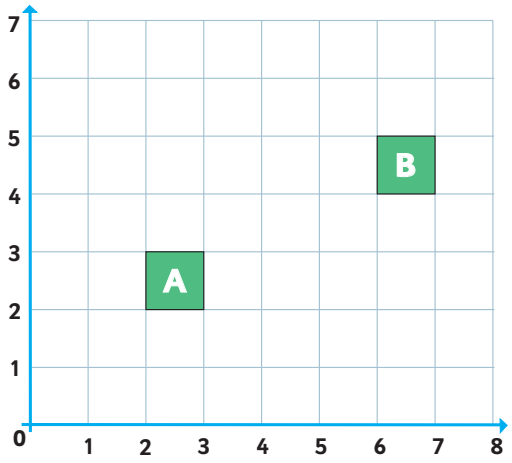
(..... , ...)

Translating Shapes

Answers

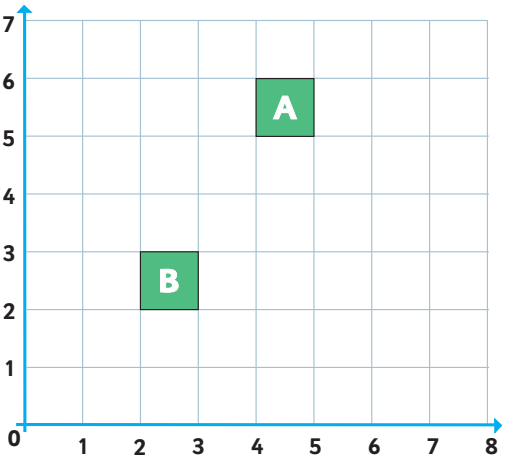
1. Complete the statements to describe how each shape has been translated from position A to position B. Either circle the right answer from the options, or write in the space:

a)



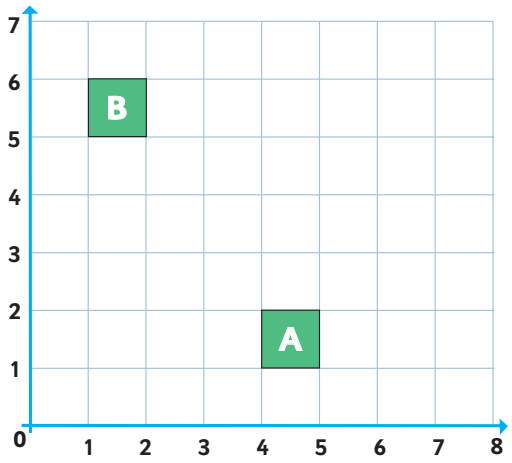
The square has been translated [2 / (4)] squares right and [(2) / 4] squares up.

b)



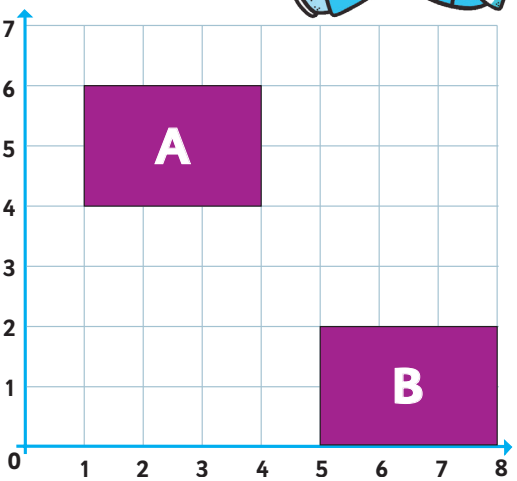
The square has been translated [(2) / 3] squares [(left) / right] and [2 / (3)] squares [up / (down)].

c)



The square has been translated ...3... squares left and ...4... squares up.

d)



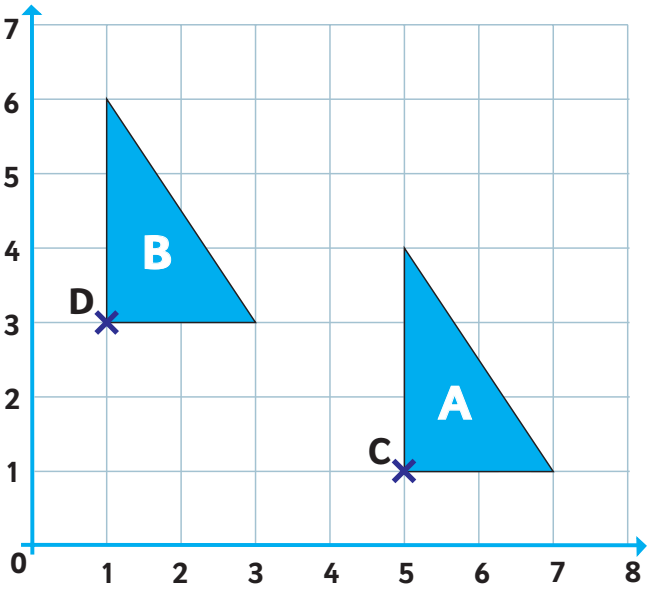
The rectangle has been translated ...4... squares ...right... and ...4... squares ...down... .

Translating Shapes

Answers

2. For the following questions, describe how the shape has been translated from position A to position B. Can you give the coordinates of points C and D?

a)



The triangle has been translated

4 squares left and 2 squares up.

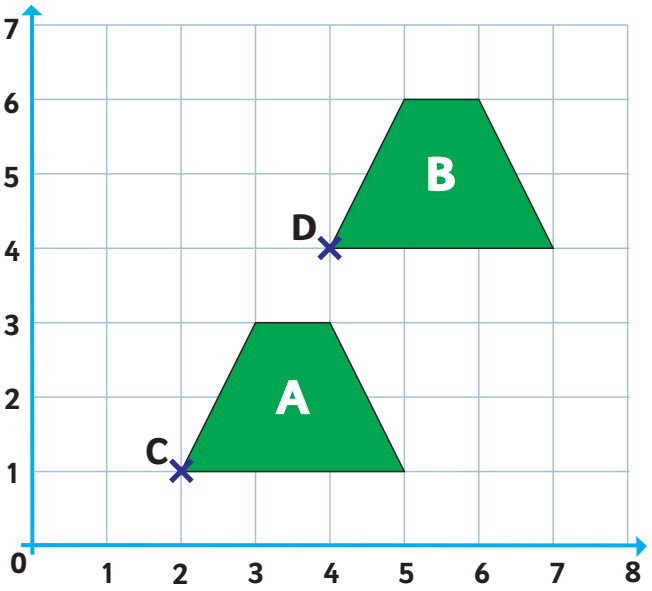
The coordinates of point C are:

(5 , 1)

The coordinates of point D are:

(1 , 3)

b)



The trapezium has been translated

2 squares right and 3 squares up.

The coordinates of point C are:

(2 , 1)

The coordinates of point D are:

(4 , 4)