

LO: to use coordinates to describe a shape's position after translation

<https://www.thenational.academy/year-5/maths/describe-position-after-translation-year-5-wk1-5>

You do not need to print these pages. Answers can either be recorded in your work book or on a piece of paper. The following questions are also included in the web link.

Questions:

Independent Task

Task 1

Write down the coordinates for each vertex of heptagon.

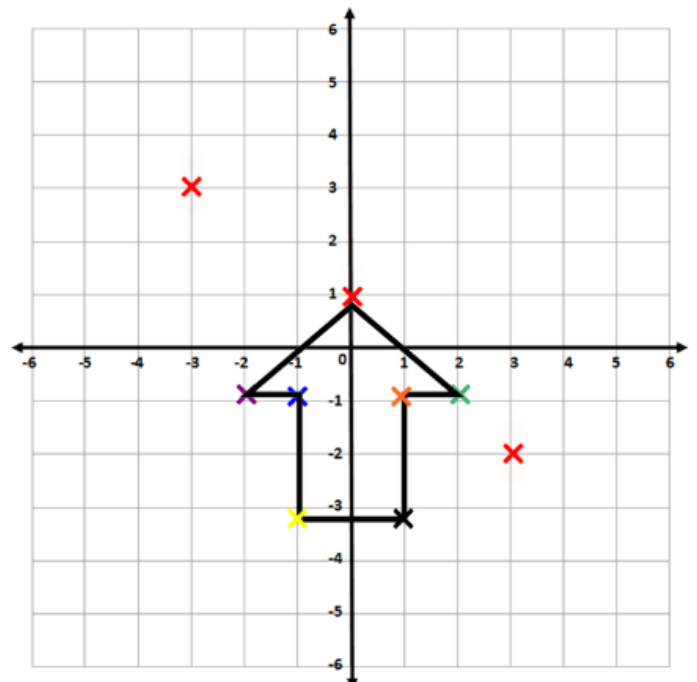
Red Green Orange
Black Yellow Blue
Purple

Task 2

Work out the translation which has happened for the red x to have translated to the two new points.

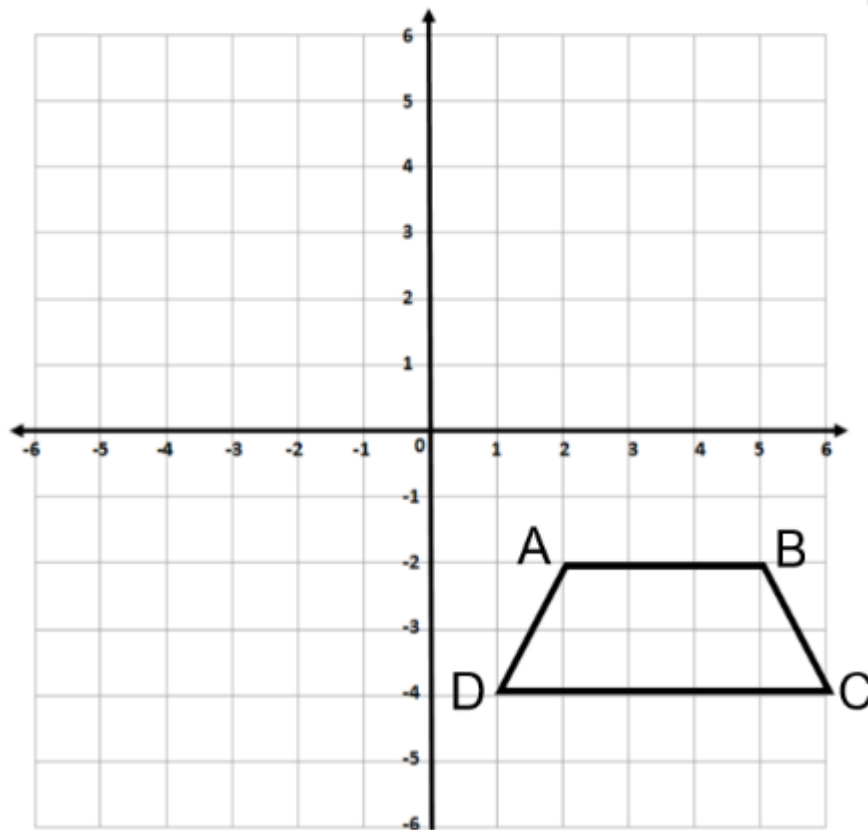
Task 3 - Challenge

Write down the coordinates for each vertex of two new heptagon.



Describe a position after translation

What is the position of the rhombus after it has been translated 4 left and 5 1 point up?



- A (-3, 3), B (1, 3), C (2, 2), D (-3, 1)
- A (-3, 3), B (1, 4), C (2, 1), D (-3, 2)
- A (-2, 3), B (1, 3), C (2, 1), D (-3, 1)
- None of the above