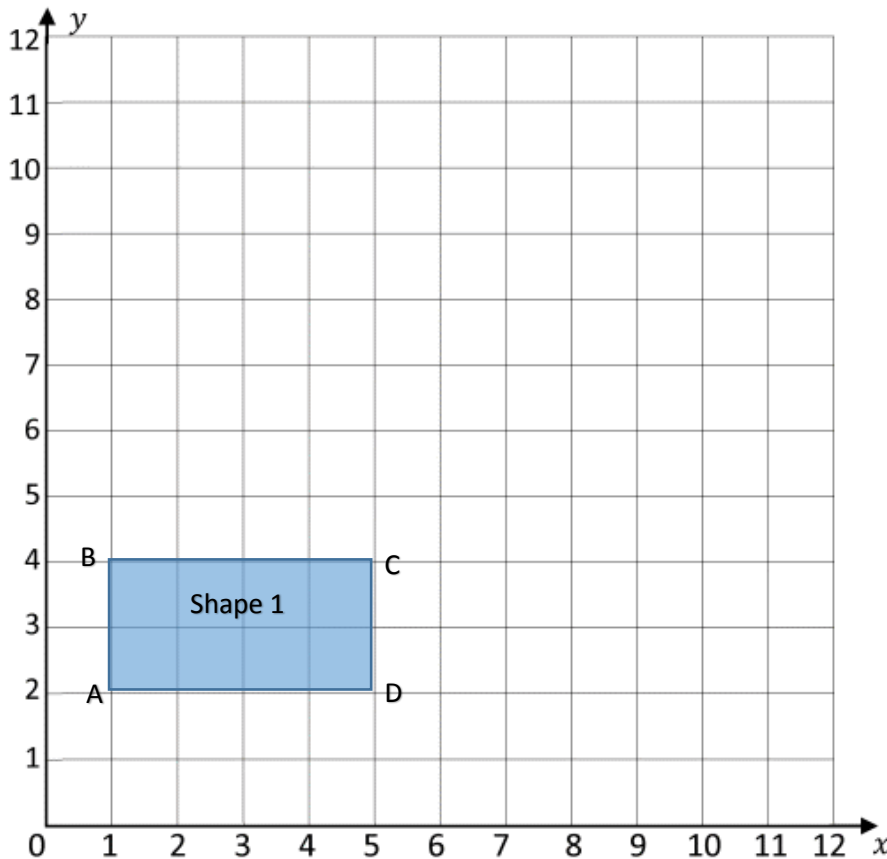


Translating Points and Coordinates

1. Look at the shape on the grid below.

For each vertex (corner) of the grid, plot its coordinates.



Shape 1 –

A = (,)

B = (,)

C = (,)

D = (,)

2. Now translate each vertex (corner) 4 right and 5 up.

Plot new points and join (using a ruler) to create a new shape which you will label 'Shape 2'.

Write its new coordinates - A = (,); B = (,); C = (,); D = (,)

3. Now translate each vertex (corner) from 'shape 2' 3 left and 3 up

Plot new points and join (using a ruler) to create a new shape which you will label 'Shape 3'.

Write its new coordinates - A = (,); B = (,); C = (,); D = (,)

4. How can you get 'shape 3' back to 'shape 1' ?