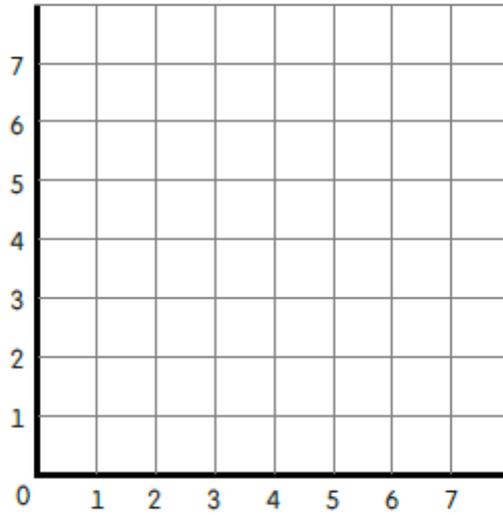
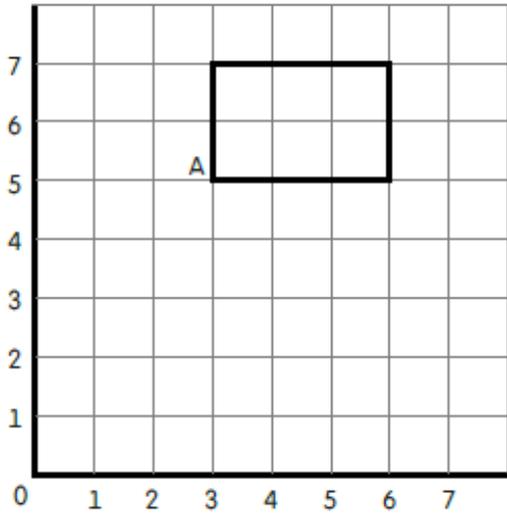
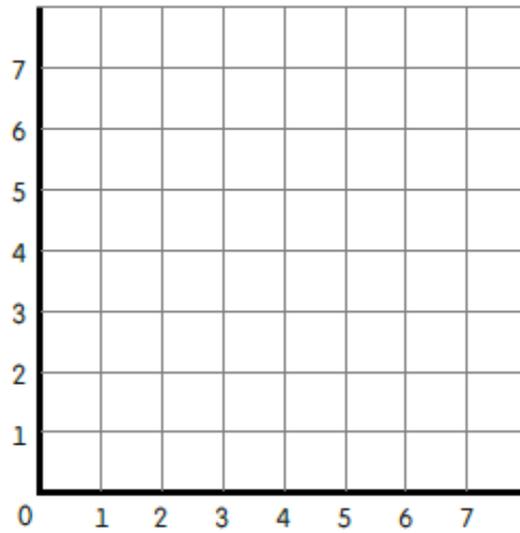
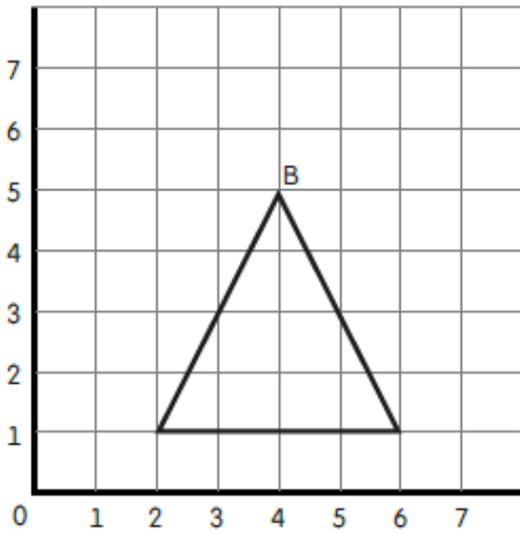


Friday 17<sup>th</sup> July: Maths

Translate the shape on the coordinate grid to the new coordinate grid.

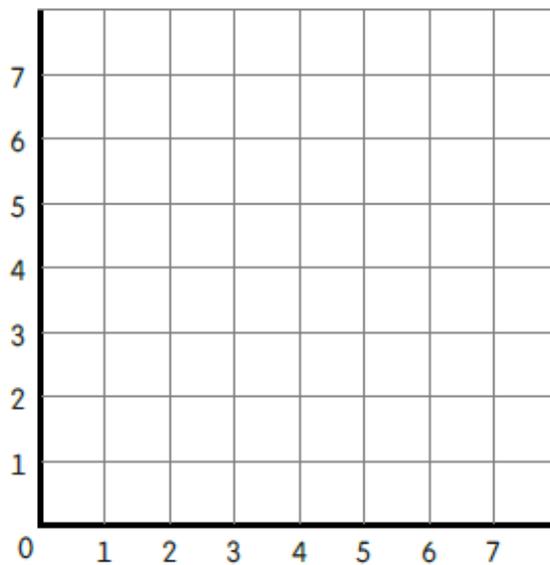
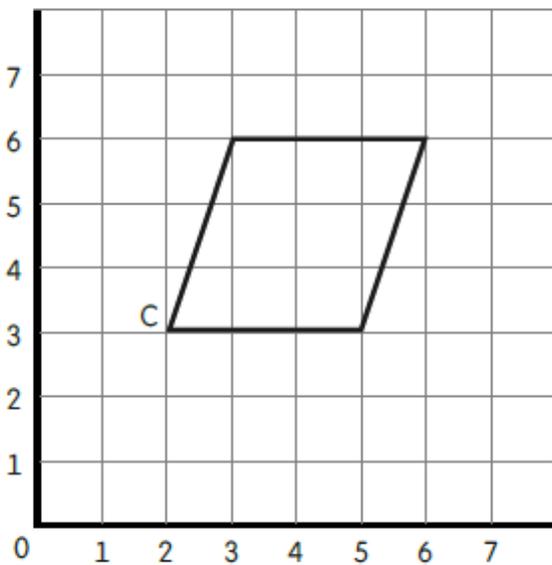


Move point A to (4,3)

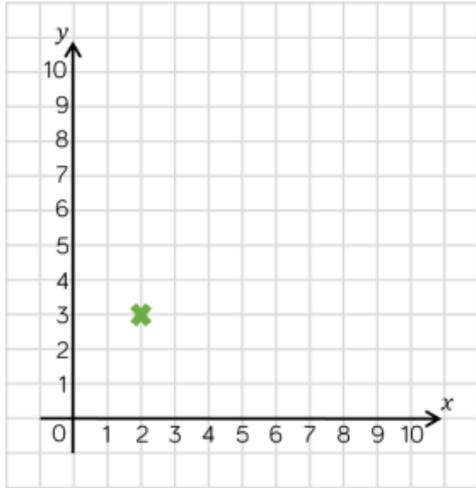


Move point B to (5,7)

Translate the shape on the coordinate grid to the new coordinate grid.



Move point C to (1,1)



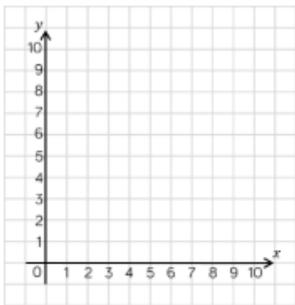
Ron translates the point  $(2, 3)$ , but realises that it has returned to the same position.

What translation did he do?

Is there more than one answer?

Here is a game to play in pairs:

Each player needs:



1 small cube

One barrier (e.g. a mini whiteboard)

The first player places a cube on their grid. They describe the original position and perform a translation.

The second player listens to the instructions and performs the same translation.

They check to see if they have placed their cube at the same coordinate.

Swap roles and repeat several times.

