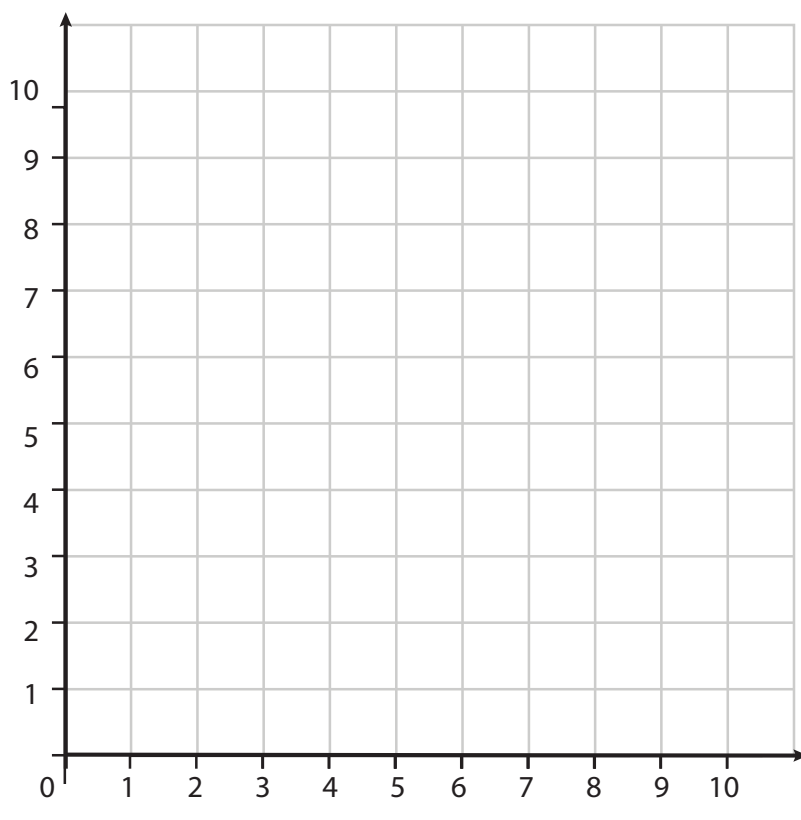


A Bit Stuck?

Moving polygons on a grid



- 1) Plot these co-ordinates: (1,2), (4,3), (2,5)
- 2) Join them up, what shape have you made? _____
- 3) Imagine you slide this shape up three squares.
What are the new co-ordinates of its vertices?
_____, _____, _____
- 4) Draw the new shape on the grid.
- 5) Plot these co-ordinates: (5,8), (7,10), (5, 10)
- 6) They are three of the corners of a square.
What are the co-ordinates of the other corner? _____
- 7) Plot this point: then join them up to draw the square.
- 8) Imagine you slide this shape one square down and four squares left. What are the new co-ordinates of its vertices?
_____, _____, _____, _____
- 9) Draw the new shape on the grid.

S-t-r-e-t-c-h

A shape is translated three squares right and four squares 'up' the grid. It finishes with vertices at: (5,4), (3,9) and (3,4). Where did it start?

A Bit Stuck?

Moving polygons on a grid

