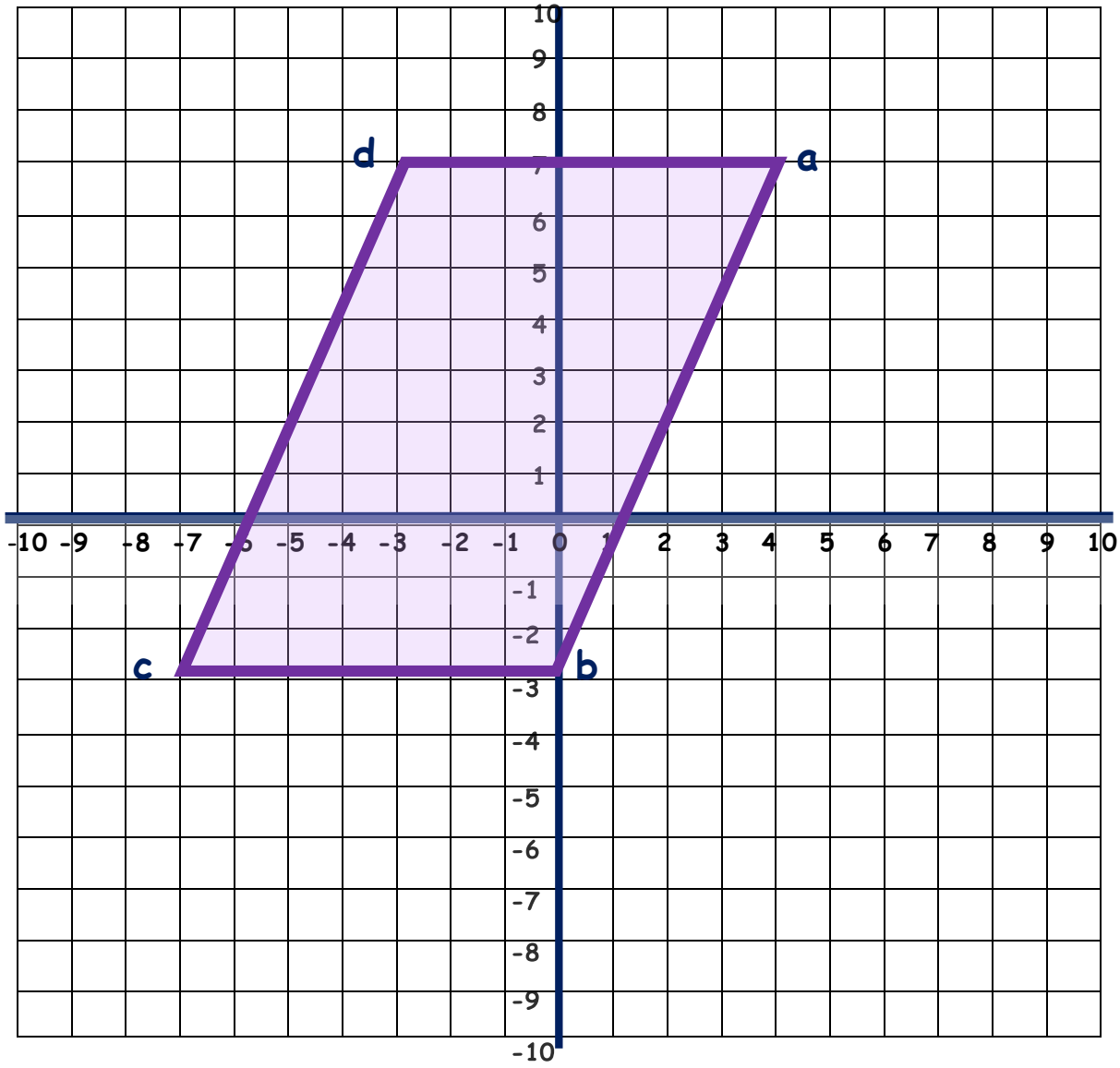
BRICKWORK Mathematics

Prior Learning Assessment
Shape (coordinates) Year 6

Shape

1) Look at the shape below on the grid.



a) Write the coordinates for vertex A.

(,)

b) Write the coordinates for vertex C.

(,)

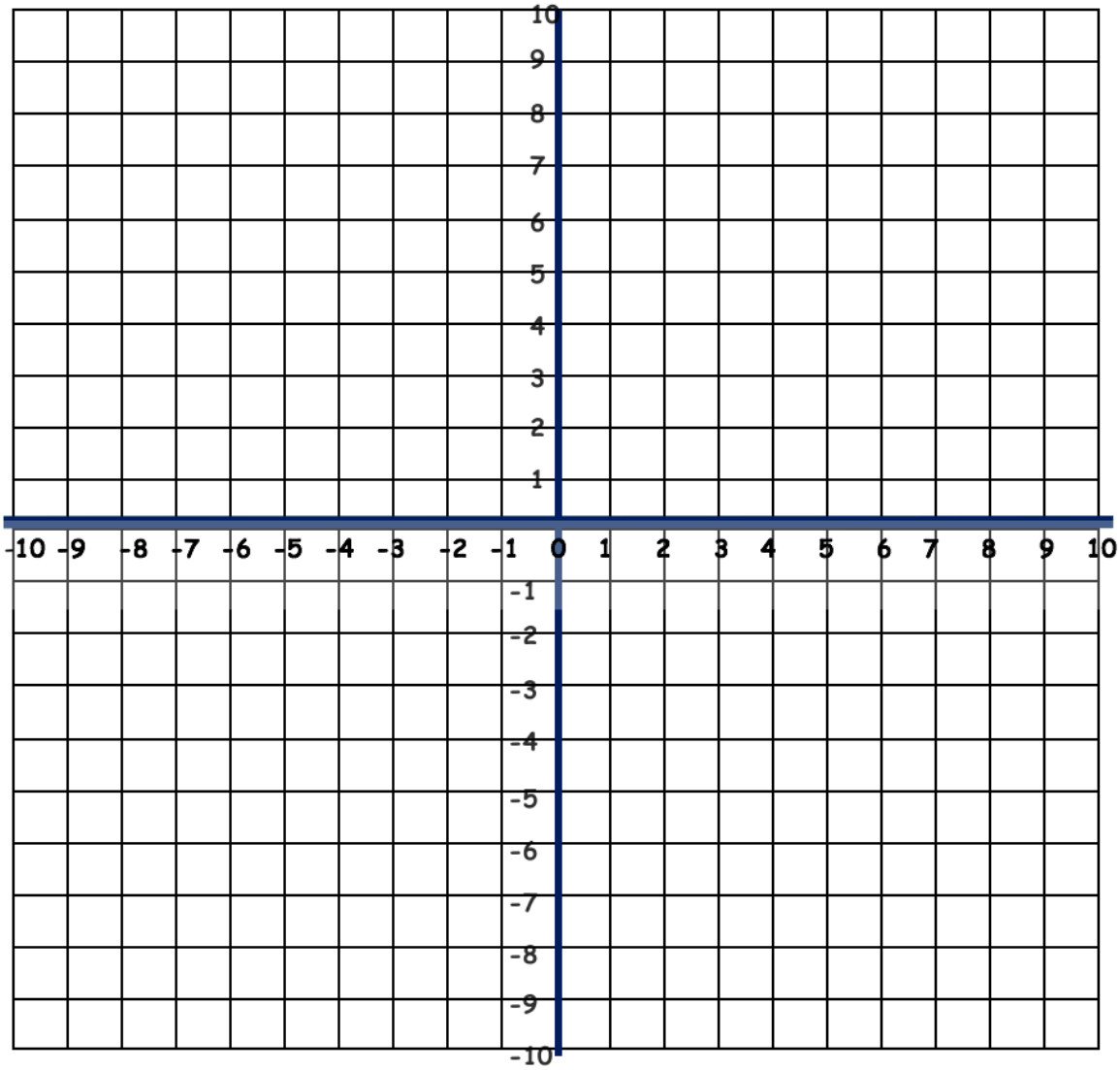
2) Read the coordinates below. Mark each coordinate on to the grid and label.

A 2, 9

B -2, 0

C 7, - 4

D -9, -7

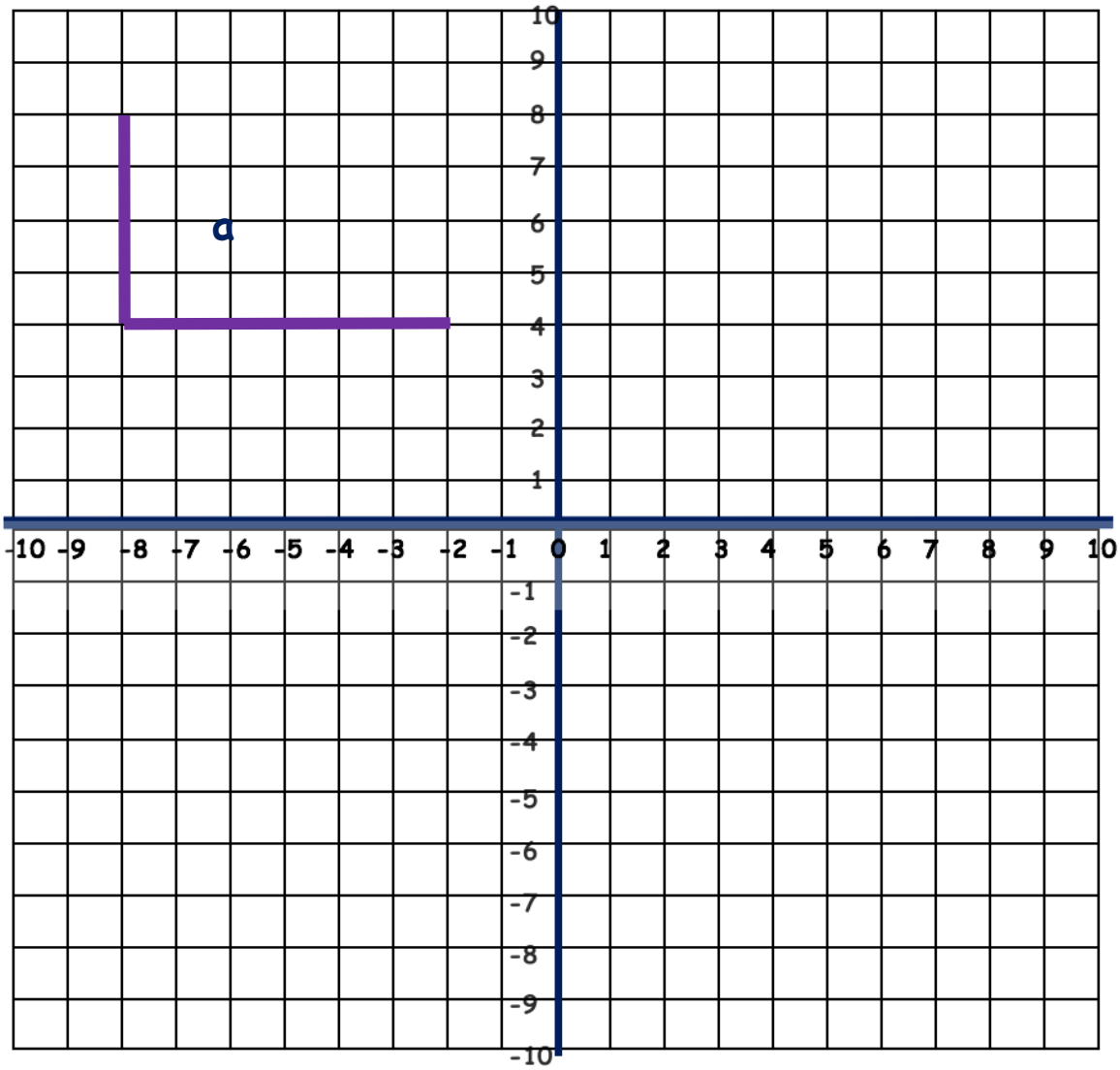


3) Work out the missing coordinates to complete the shapes.

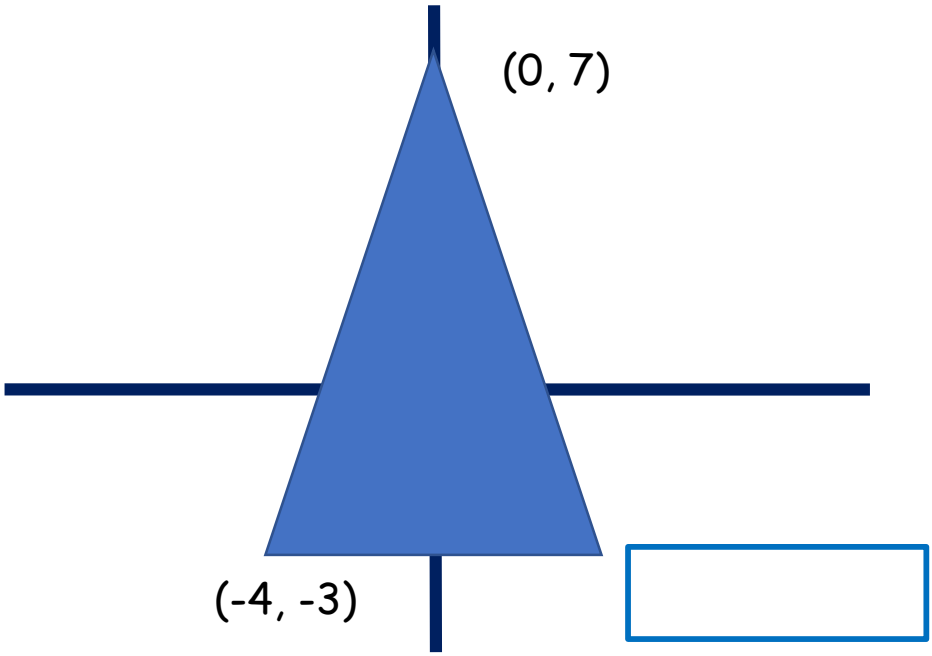
a) Complete the trapezium on the grid.

b) Plot these 3 coordinates and then work out where the last coordinate needs to go on the grid to create a parallelogram.

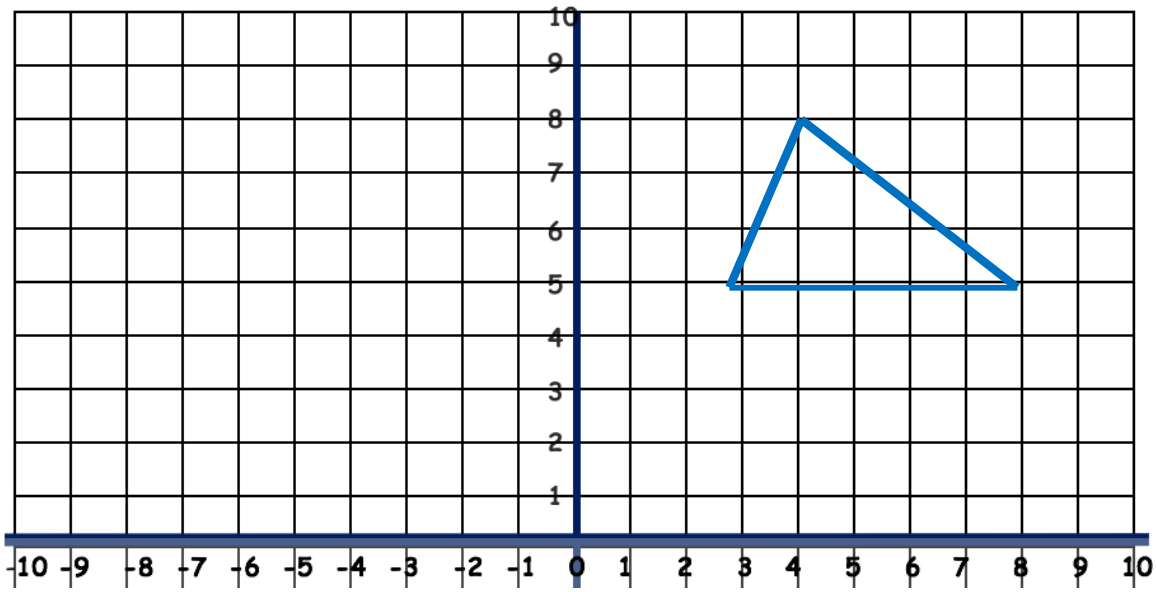
3,- 3 5, - 8 -4, -8



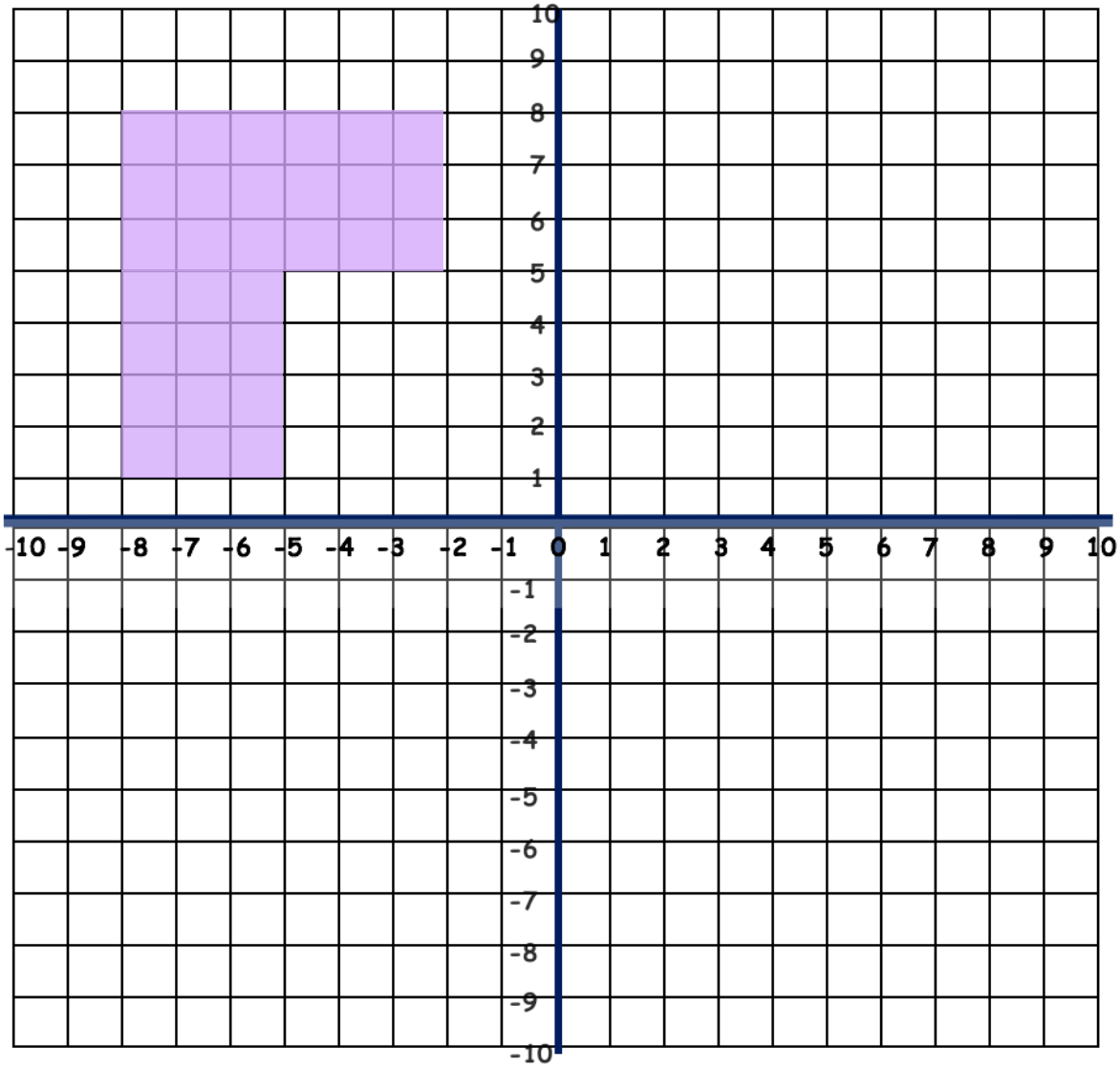
4) Look at the image below of an isosceles triangle. Use the coordinates given to work out the missing coordinates.



5) Translate the scalene triangle, 7 squares left and 3 squares down.



6) Reflect the hexagon in the X axis and write the new coordinates for each vertex



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