

Missing Coordinates

In your maths books draw the x and y axes of a four quadrant grid accurately, both axes must go from -8 to 8. Ensure you label on the lines, not in the boxes.

Then:

1. Plot the points $(2,2)$ and $(4,4)$ on your grid. These coordinates are the corners of a square, what are the coordinates of the other two corners? Complete the square and label the coordinates.
2. Plot the points $(-6,-7)$ $(-2,-7)$ and $(-2,-5)$. This shape is a rectangle, what are the coordinates of the last corner? Complete the shape and label.
3. Plot the points $(3,1)$ and $(5,1)$. What are the possible coordinates of the last corner if you want to make a triangle that has roughly equal length sides? Use one of your answers to draw the triangle and label the coordinates.