**Vertical and Horizontal Lines**

1. On the line *x* = 6, all the *x*-coordinates are 6. Write down the values of the letters a, b, c if each of these points lies on the line *x* = 6.
2. (a, 2) b) (b, -5) c) (c, 0)
3. On the line *x* = 3, all the *x*-coordinates are 3. Write down the values of the letters a, b, c if each of these points lies on the line *x* = 3.
4. (a, 3) b) (b, 5) c) (c, -2)
5. On the line *y*= 2, all the *y*-coordinates are 2. Write down the values of the letters a, b, c if each of these points lies on the line *y* = 2.
6. (1, a) b) (3, b) c) (-3, c)
7. On the line *y*= -4, all the *y*-coordinates are -4. Write down the values of the letters a, b, c if each of these points lies on the line

*y* = -4.

1. (2, a) b) ( -6, b) c) ( 0, c)
2. Write down the coordinates of 3 points on each of these lines:
3. *x* = 5 b) *x* = 2 c) *x* = -1

d) *y* = 4 e) *y* = 7 f) *y* = -3

1. a) Draw a set of coordinates axes from -5 to 5
2. Draw the lines *x* = 1, *x* = 5, *y* = 3 and *y* = -2 on your diagram.
3. What shape is enclosed by your lines?
4. Write down the coordinates of the vertices of your shape.
5. a) Draw a set of coordinates axes from -5 to 5
6. Draw the lines *x* = 4, *x* = 0, *y* = -4 and *y* = 0 on your diagram.
7. What shape is enclosed by your lines?
8. Write down the coordinates of the vertices of your shape.