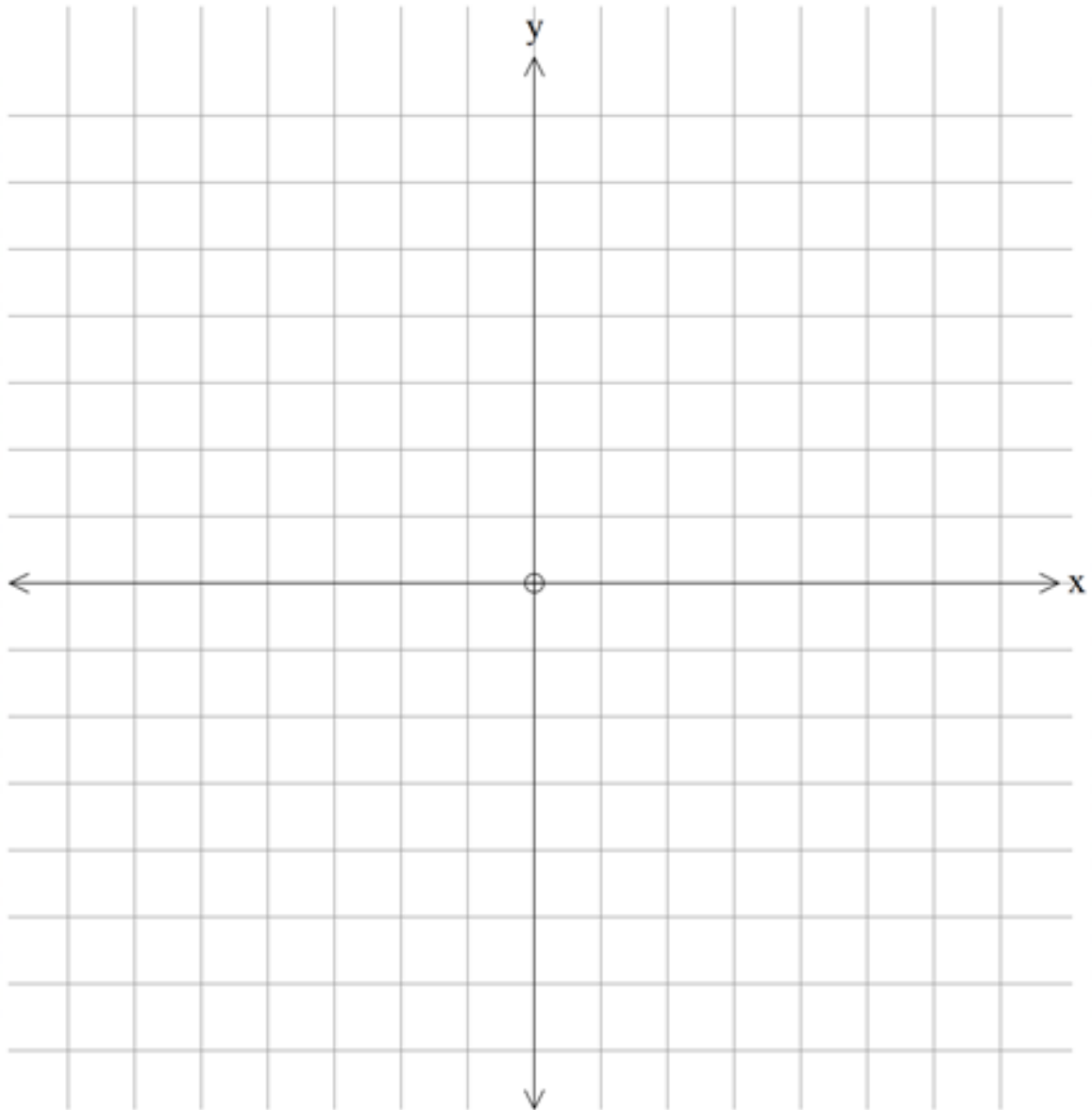


Exercise 1:

Report the points $(3,5)$, $(1,6)$, $(-2,5)$, $(-4,-3)$, $(0,4)$, $(3,-4)$, $(0,-3)$, $(-3,6)$ on the Cartesian plane below.



Report the points in the table below on the same Cartesian plane.

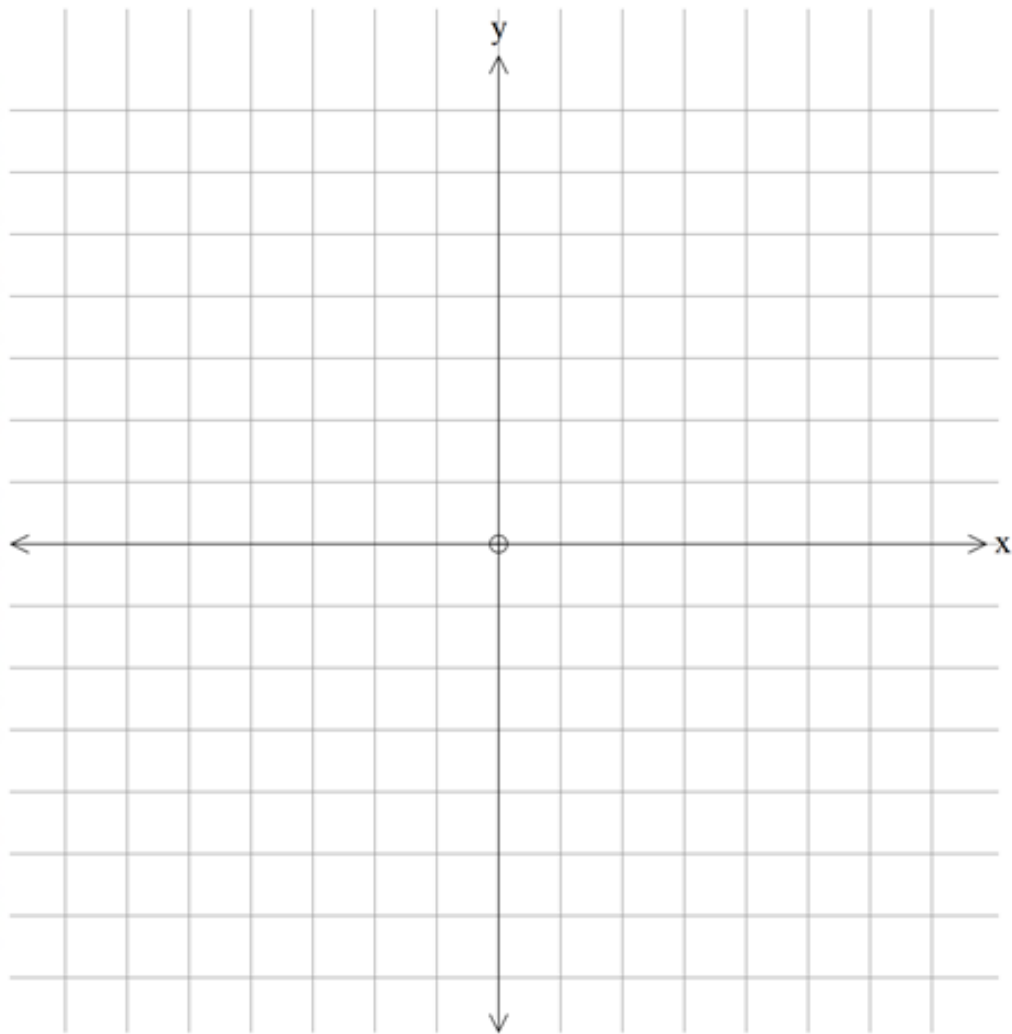
x	3	-4	-1	-3	-5	1	2
y	2	3	-5	-1	3	-2	-3

Exercise 2:

a) Fill the table below

x	-7	-2	-1	0	1	2	4
$x+2$							

b) Report these points in the table on the Cartesian plane.



c) What do you observe?

d) what are the coordinates of the x-intercept?

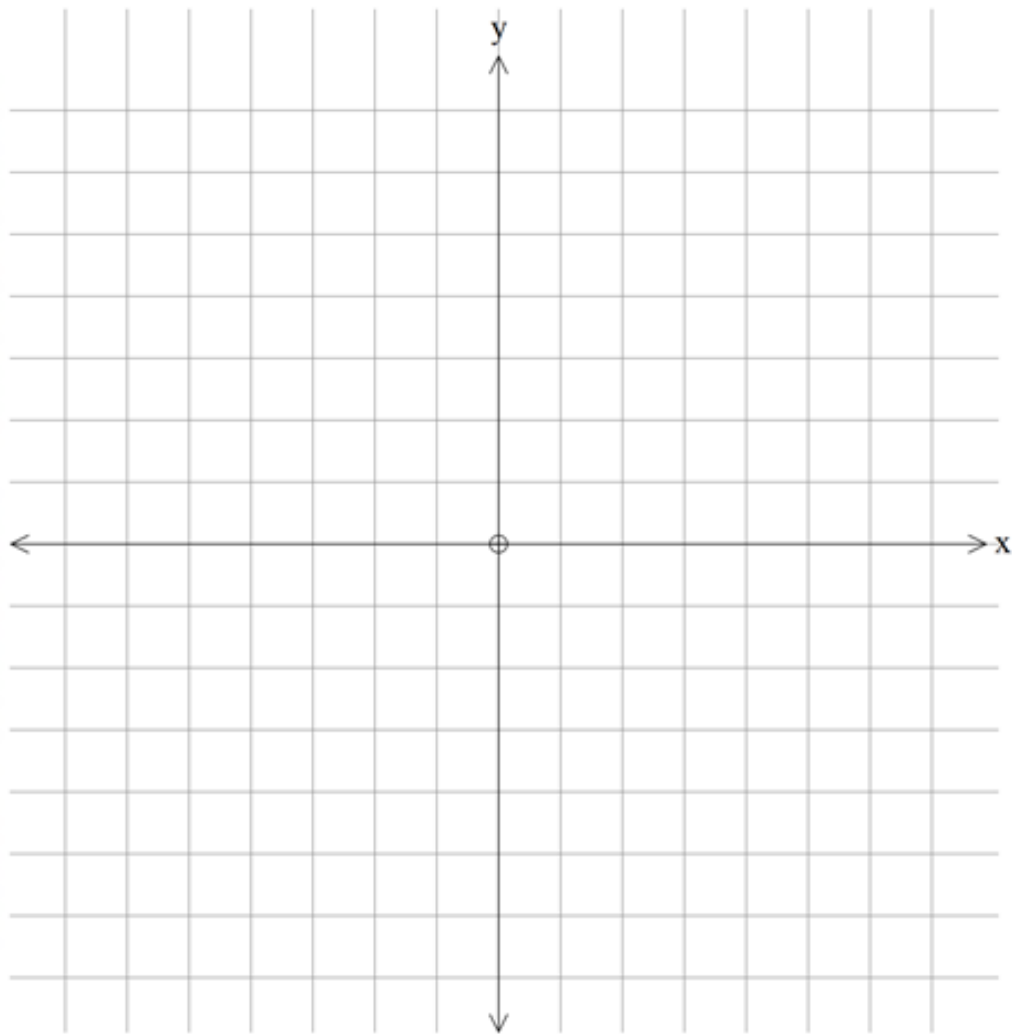
e) what are the coordinates of the y-intercept?

Exercise 3:

a) Fill the table below

x	-3	-2	-1	0	1	2	4
$2x-1$							

b) Report these points in the table on the Cartesian plane.



c) What do you observe?

d) what are the coordinates of the x-intercept?

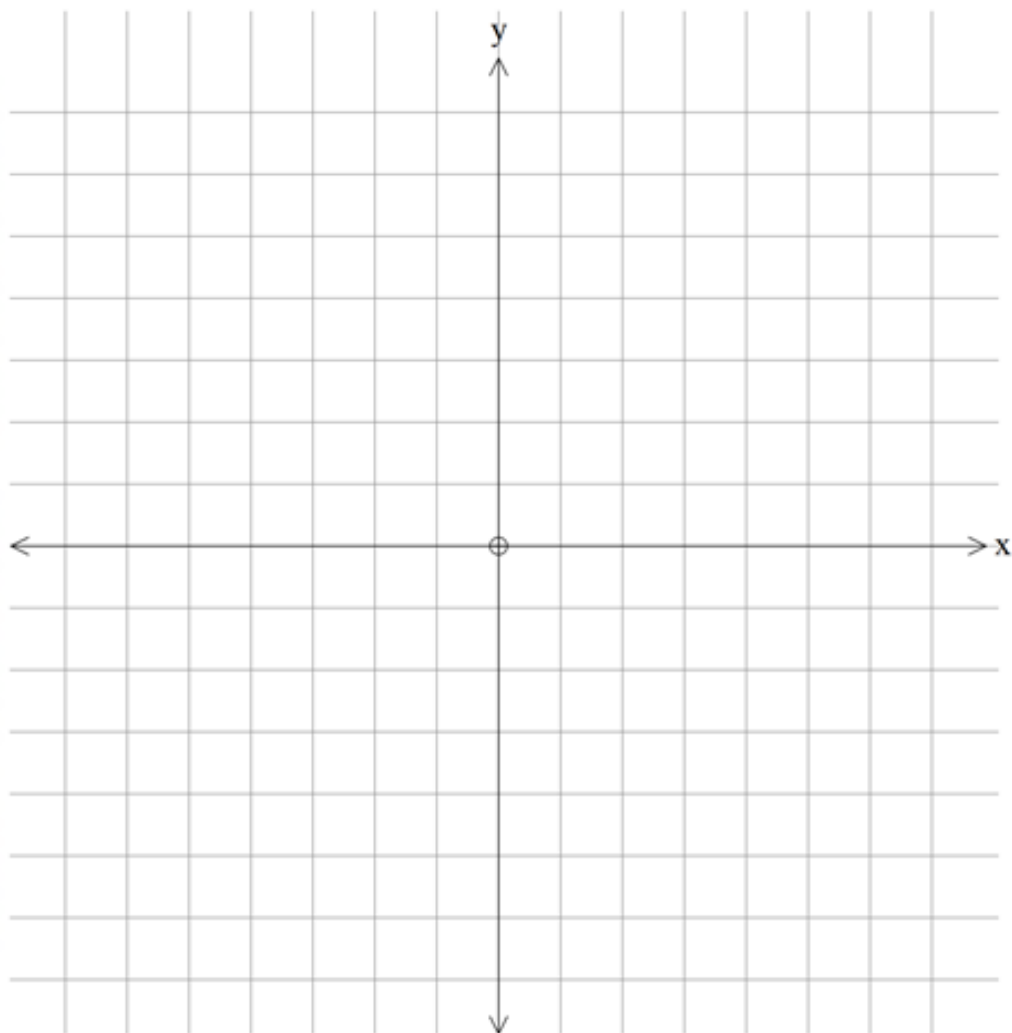
e) what are the coordinates of the y-intercept?

Exercise 4:

a) Fill the table below

x	-3	-2	-1	0	1	2	3
2x							

b) Report these points in the table on the Cartesian plane.



c) What do you observe?

d) what are the coordinates of the x-intercept?

e) what are the coordinates of the y-intercept?

f) which of the lines in Exercises 2, 3 and 4 are the steepest?

10 If (a, b) is a point on a number plane, name the quadrant or quadrants that matches the given description.

a $a > 0$ and $b < 0$

b $a < 0$ and $b > 0$

c $a < 0$

d $b < 0$

6 One point in each set is not 'in line' with the other points. Name the point in each case.

a $A(1, 2), B(2, 4), C(3, 4), D(4, 5), E(5, 6)$

b $A(-5, 3), B(-4, 1), C(-3, 0), D(-2, -3), E(-1, -5)$

c $A(-4, -3), B(-2, -2), C(0, -1), D(2, 0), E(3, 1)$

d $A(6, -4), B(0, -1), C(4, -3), D(3, -2), E(-2, 0)$