

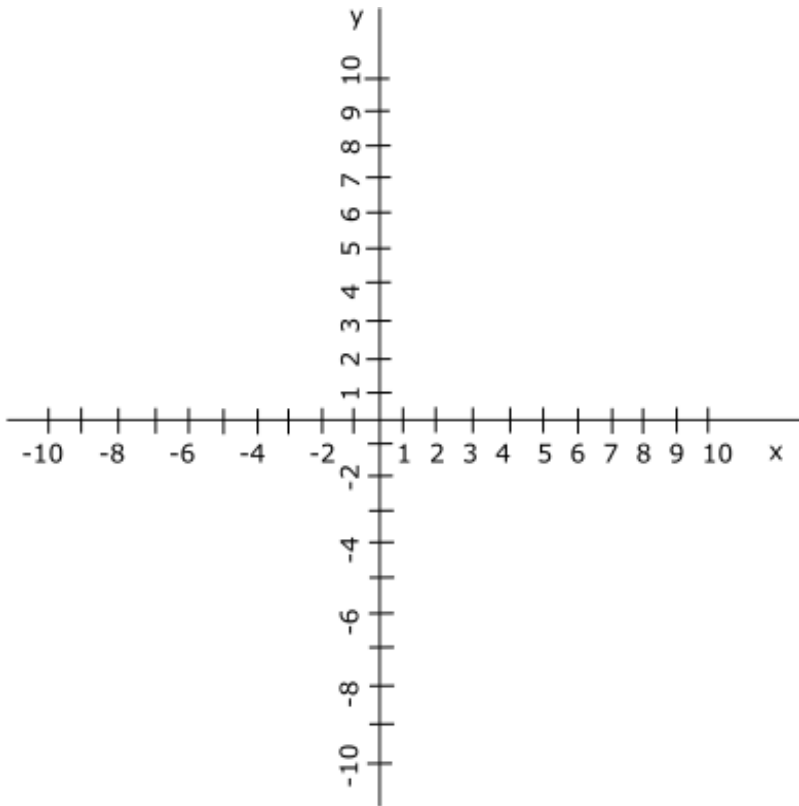
**AAU - Business Math I (MTH 111/C) - Spring 2010**

1. Sketch the straight line expressed by the following linear equation:

$$y=x+1$$

First fill in the table below (i.e. find two points on the line); then draw the two points; then connect them with a straight line.

x	0	1
y		



2. Use the graph above to sketch the following line:

$$y=3x-1$$

x	0	1
y		

3. Sketch straight lines expressed by the following linear equations:

$$y=x+1$$

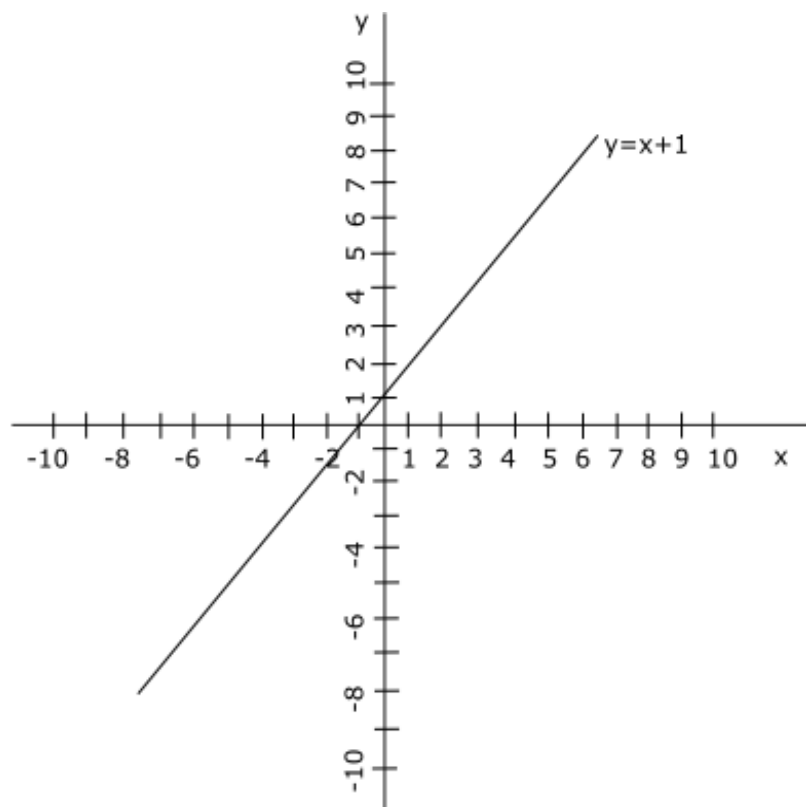
$$2x-2y=-2$$

$$y=x+1$$

x	0	1
y	1	2

$$2x-2y=-2$$

x	-1	2
y		



4. Sketch straight lines expressed by the following linear equations:

$$y=x+1$$

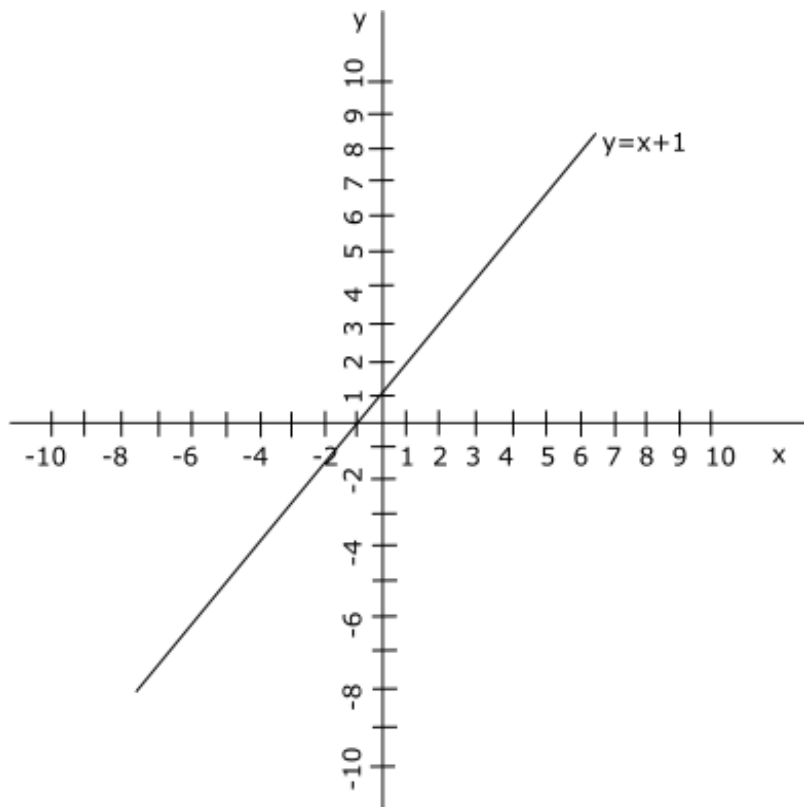
$$2x-2y=2$$

$$y=x+1$$

x	0	1
y	1	2

$$2x-2y=2$$

X	...	...
y		



5. Sketch lines and find their corresponding linear equations such that the first line goes through points:

$\{0,2\}$  and  $\{1,2\}$

and the second line goes through points

$\{-4,2\}$  and  $\{0,-2\}$ .

