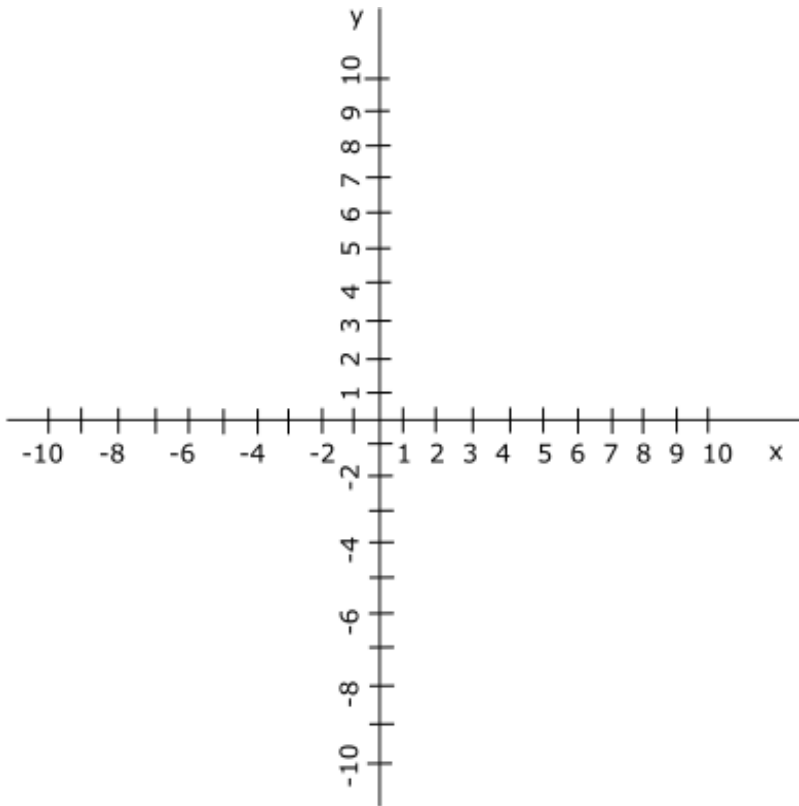## AAU - Business Math I (MTH 111) - Spring 2010

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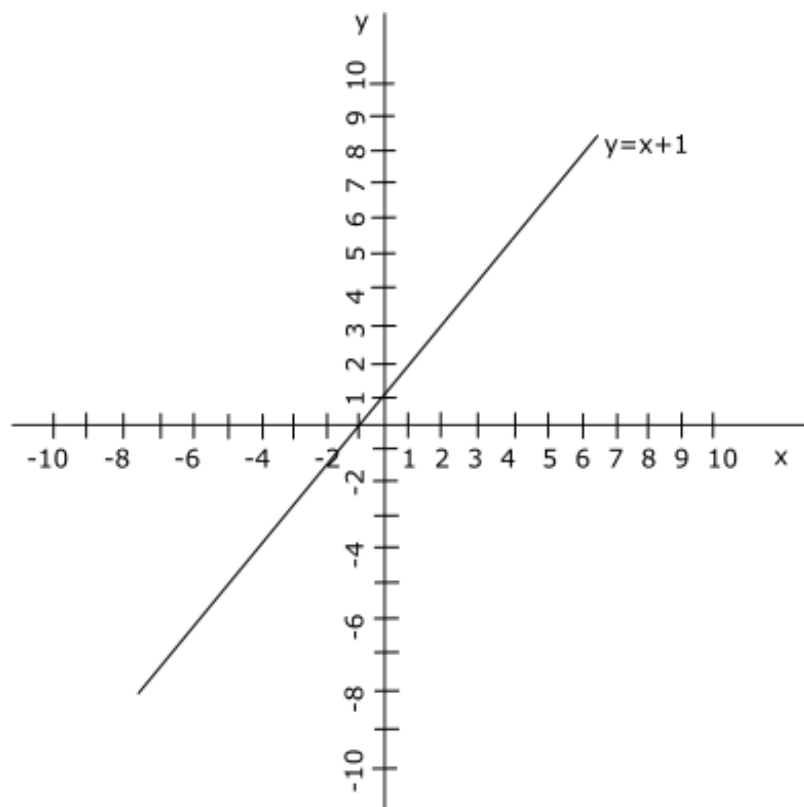
4. Sketch straight lines expressed by the following linear equations:

y=x+1

2x-2y=2

y=x+1

x	0	1
y	1	2

2x-2y=2

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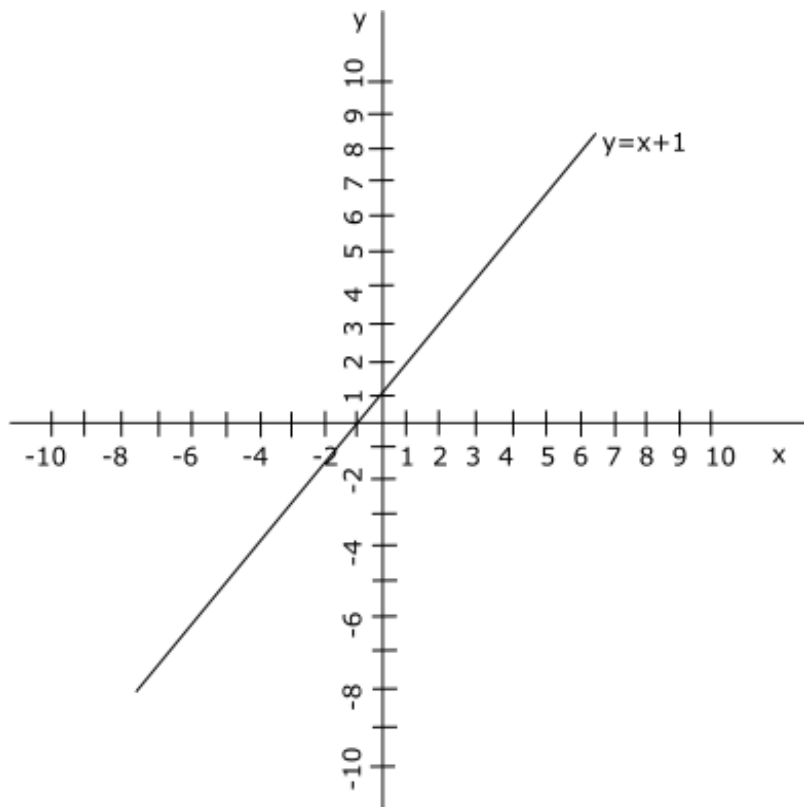
5. Sketch lines and find their corresponding linear equations such that the first line goes through points:

{0,2} and {1,2}

and the second line goes through points

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