Extra Practice

Name **Key**

Date _____

Period _____

## Graphing Linear Equations

Choose 5 values for x and then find the values for y. Make a table of values and then graph the 5 ordered pairs and draw a line connecting them. Tell what type of slope the line has.

1. $y = 4x - 3$

x	0	1	-1	2	-2
y	-3	1	-7	5	-11
(x,y)	(0,-3)	(1,1)	(-1,-7)	(2,5)	(-2,-11)

positive slope
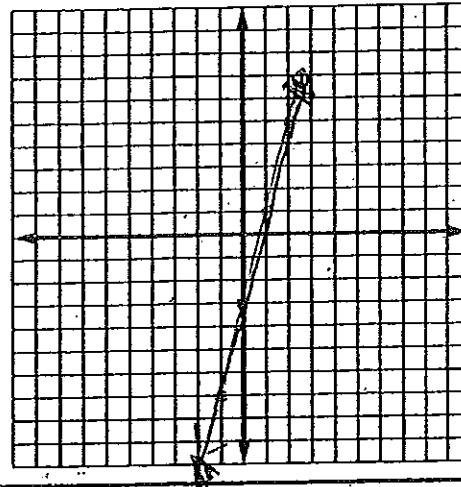
2. $y = -2x + 5$

x	0	1	-1	2	-2
y	5	3	7	1	9
(x,y)	(0,5)	(1,3)	(-1,7)	(2,1)	(-2,9)

negative slope
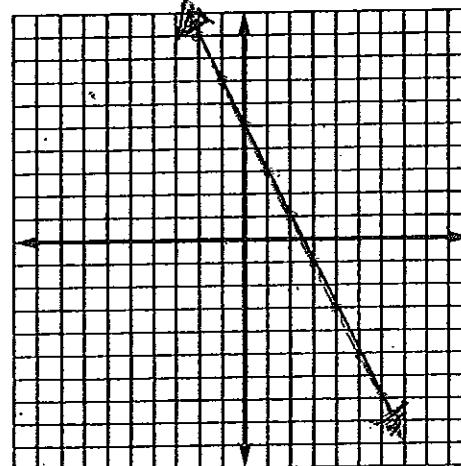
3. $y = -4 - 3x$

x	0	1	-1	-2	-3
y	-4	-7	-1	2	5
(x,y)	(0,-4)	(1,-7)	(-1,-1)	(-2,2)	(-3,5)

negative slope