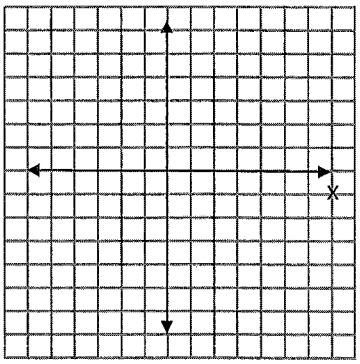
Name _____ Date _____ Bell _____

Algebra I Warrior Extended Learning Packet: Finding the Slope of a Line

Using the graph below, perform the following:



1.) Draw a line that has a positive slope and label it A

2.) Draw a line that has a negative slope and label it B.

3.) Draw a line that has an undefined slope and label it C

Find the slope of the line passing through the points.

4. (-2, 0) and (5, 7)

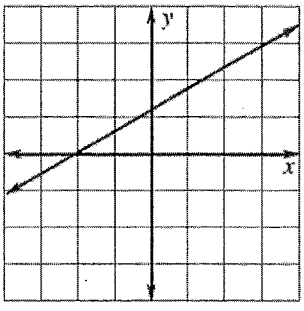
5. (-3, -6) and (1, -7)

6. (2, -1) and (7, -1)

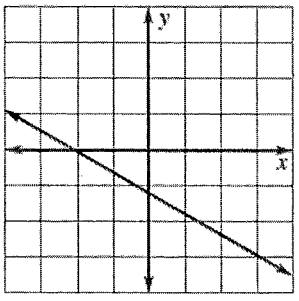
7. (4, -3) and (4, 2)

Find the slope of the line in each graph.

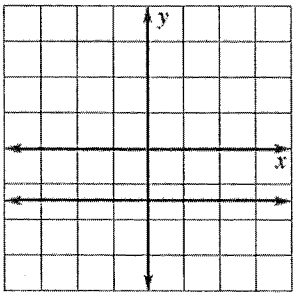
8.) $m =$



9.) $m =$



10.) $m =$



Find each rate of change.

11.)

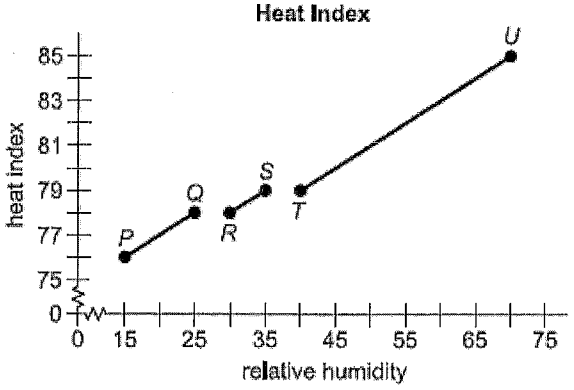
x	y
3	7
4	10
5	13
6	16
7	19

12.)

x	2	4	6	8	10	12
y	18	24	30	36	42	48

Find each rate of change and describe what it represents.

13.) This graph shows the heat index versus relative humidity at a temperature of 80°F.



What is the slope of the line containing point *T* and point *U*?

A. 5

B. 1.2

C. 1

D. 0.2

14.)

Temperature (°C)	Volume of Gas (mL)
20	60
40	65
60	70
80	75
100	80
120	85