PRACTICE

1.) Each table represents a linear relationship. Which table(s) represent a slope of 2? *(Show all your work)*

Table 1

x	y
0	32
3	26
5	22
9	14

Table 2

x	y
1	3
2	5
3	7
4	9

Table 3

x	y
0	8
3	14
7	22
9	26

Slope (m) = _____   Slope (m) = _____   Slope (m) = _____

2.) Calculate the rage of change (slope) between the points listed in each table. Determine if the table represents a proportional relationship.

a.

x	y
2	14
5	35
7	49
10	70

Slope (m) = _____

Circle one: Linear   Non-linear

b.

x	y
−10	50
−2	10
4	−20
14	−70

Slope (m) = _____

Circle one: Linear   Non-linear

c.

x	y
−1	−24
2	48
4	90
8	192

Slope (m) = _____

Circle one: Linear   Non-linear

d.

x	y
−6	12
−3	6
3	−6
6	−10

Slope (m) = _____

Circle one: Linear   Non-linear

e.

x	y
2	13.5
5	33.75
10	67.5
15	101.25

Slope (m) = _____

Circle one: Linear   Non-linear

f.

x	y
−4	−38
−1	−9.5
2	19
3	27

Slope (m) = _____

Circle one: Linear   Non-linear

Review
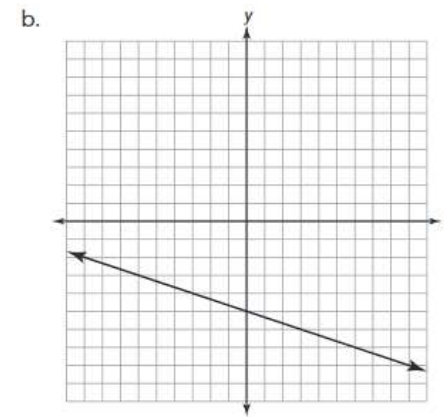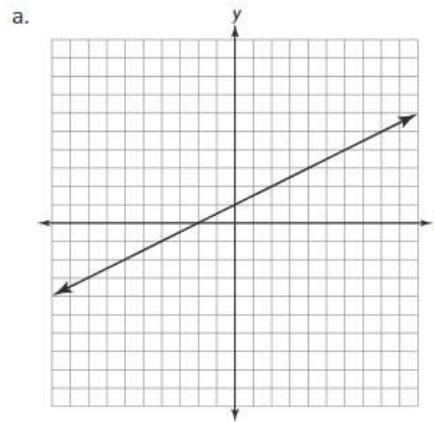
3.) Determine the slope of each linear relationship.

   a. _____

   b. _____

   c. _____

a.

b.

c. $y = 2x$