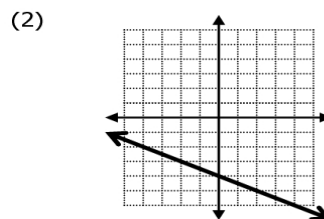**Pre-AP Algebra 1: Review for Graphing Linear Equations Test   Name_____**

Find the slope of the line represented in the table, graph or with two ordered pairs:

(1)

X	2	5	8	11	14
Y	4	-1	-6	-11	-16

(2)

(3)   Find the slope of the line that passes
        through (-2, 7) and (1, 3)
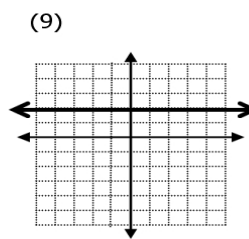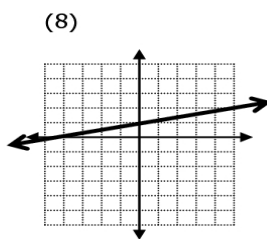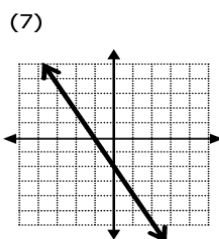
(4)

X	-3	-1	1	3	5
Y	-5	-2	1	4	7

Write an equation for each problem. Identify the slope and intercepts for each:

(5)   Geri charges $20 to mow lawns, plus $1.50 for each gallon (**g**) of gas he purchases
        for his mower. Let **T** equal the total charges for mowing a lawn.

(6)   There are 240 new plants in the Fort Worth Water Gardens. The grounds crew is
        scheduled to plant 32 new plants a day for the next month. Write an equation for the
        total number of plants planted , **P**, after **d** days have passed.

Identify the slope, x-intercept and y-intercept for each graph:

(7)   (8)   (9)

Find the slope and y-intercept for each equation:

(10) $x - 3y = -6$ (11) $2x + y = 5$ (12) $y + 5 = 0$