Name: _____

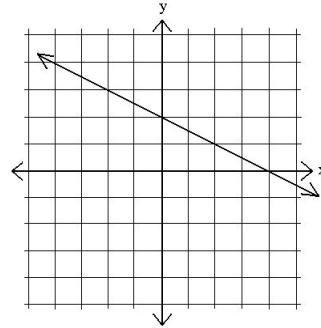## Homework – Monday (December 10, 2018)
Solve the following problems **without a calculator**. You _MUST_ show your work. ***NO WORK = NO CREDIT.***

1. Write a linear equation to represent the data in the table.	2. What is the slope-intercept form of the line?
<table><tr><td>x</td><td>y</td></tr><tr><td>-1</td><td>5</td></tr><tr><td>0</td><td>8</td></tr><tr><td>1</td><td>11</td></tr></table>	

1. Write a linear equation to represent the data in the table.

x	y
-1	5
0	8
1	11

2. What is the slope-intercept form of the line?

3. Write a linear equation to represent the data in the table.
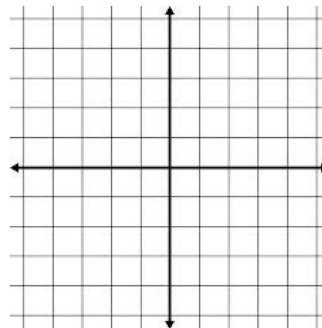
x	y
0	10
1	15
2	20

4. If $f(x) = 3x - 3$, what is $f(2)$?

Homework- Tuesday (December 11, 2018)
Solve the following problems **without a calculator**. You _MUST_ show your work. ***NO WORK = NO CREDIT.***

1. What is the slope of the line passing through the points (6,8) and (4,-3)?

2. Graph the line $y = 2x - 4$.

3. Write a linear equation to represent the data in the table.

x	y
0	12
-2	18
-4	24

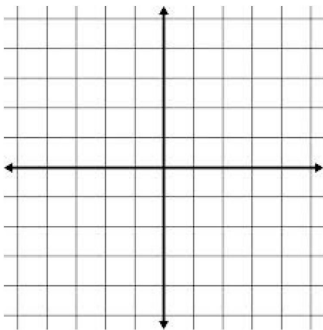4. Write an equation of a line that has a slope of ⅔ and passes through the point (3,10).

Homework - Wednesday (December 12, 2018)

Solve the following problems **without a calculator**. You _MUST_ show your work. ***NO WORK = NO CREDIT.***

1. Write a linear equation for a line that passes through the points (-3,7) and (3,3).	2. Write an equation of a line that passes through the points (-1,-2) and (3,10).
3. Graph the line y = -3x + 5. 	4. Cameron works at a local movie theater for $10 per hour. His boss gave him a one-time bonus in his first paycheck of $30. How much will Cameron's paycheck be if he worked 28 hours the first week?

Homework - Thursday (December 13, 2018)

Solve the following problems **without a calculator**. You _MUST_ show your work. ***NO WORK = NO CREDIT.***

1. What is the equation of a line that passes through the points (2,1) and (6,-5)?	2. Write an equation to represent the line whose slope is ⅔ and whose y-intercept is 6.
3. Dairy Queen charges $5 for a medium cup of ice cream and $1.25 for each additional topping. What will be the cost of an ice cream that has sprinkles, nuts, whip cream, and a cherry?	4. Jasani is selling raffle tickets for her dance team. She made the following table to show how much each tickets cost:

# of Tickets	1	2	3	4
Total Price	$3	$6	$9	$12

How much will 60 tickets cost?