EOC BOOT CAMP

Name: _____

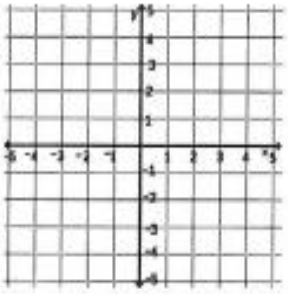
EOC _____ Days!

1) Mrs. Nelson is buying folding chairs that are on sale for $10. If she has at least $50 to spend, which inequality can be solved to show the number of chairs, c, she can buy?

a.) $10c < 50$
b.) $10c > 50$
c.) $10c \leq 50$
d.) $10c \geq 50$

2) Plot the points on a coordinate grid:

X	Y
1	0
2	2
3	4
4	6

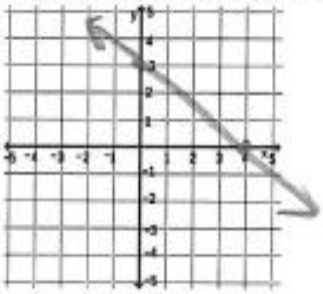


3) Plug in values for x and solve for y!

$Y = 2x + 5$

X	Y
1	
2	
3	
4	

4) Find the x and y intercepts of this graph:



X intercept: _____ y intercept: _____

5) Put in y = mx + b form:

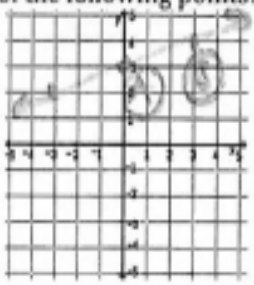
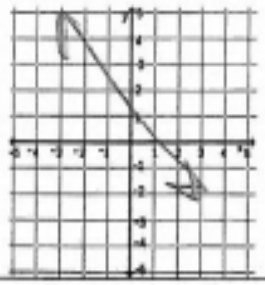
$4x + 5y = 10$

6) You've already earned $48 washing cars and plan to earn $12 for each additional car you wash. Write an equation to represent, d, the amount earned in dollars, as a function of, c, the number of additional cars you wash.

a.) $d = 12c$
b.) $c = 12d$
c.) $d = 48 + 12c$
d.) $d = 12 + 48c$

EOC BOOT CAMP

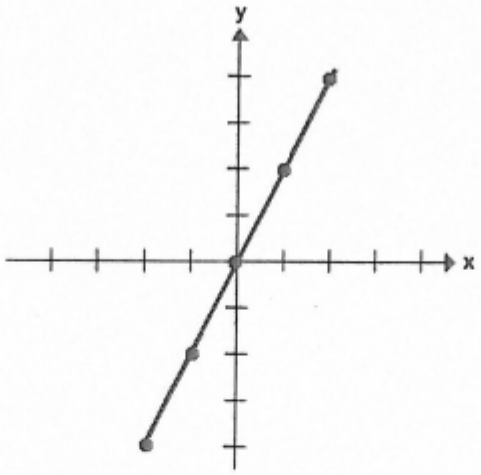
E O C _____ Days!

Draw a picture of ½	Which is greater? Use <, >, or = -5 __ -4	Circle the slope! Y = ½ x + 4	Underline the y intercept! Y = ½ x + 4
What two numbers have a sum of 5 and a product of 6?	Solve: 3x + 4 = 13	Challenge: Put in y = mx + b form 4x + 2y = 8	What are the coordinates of the following points?  A= B=
Positive or negative slope? 	Solve for x $\frac{x}{3} = \frac{4}{6}$	Graph on the number line: X < -1 	Solve for x 10 – x = 4
Evaluate: x = 2 x^3 = 9^x =	Solve -1 + 4 = -1 – 4 =	Place on the number line: 1 ½ 	Why was six afraid of seven?

EOC BOOT CAMP

EOC _____ Days!

What do you see?



1. _____

2. _____

3. _____

4. _____

5. _____

EOC BOOT CAMP

_____ Days!

NUMBER SENSE

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80

EOC BOOT CAMP

E O C _____ Days!

Objective: SWBAT use the pattern of a table to find the equation in Y-intercept form.

When would I use this in real life?!!?!?!?

Ms. Roubion was trying to see which hotel was a better option for the upcoming Spring Dance. Here is the information she used to decide.

Number of Guests	Sheraton Ballroom Cost in $	W Hotel Ballroom Cost in $
1	50	45
2	53	50
3	56	55
4	59	60
5	62	65
6	65	70
7	68	75

a.) For each hotel describe the pattern you see.

b.) Is there an initial cost, how much is it at both hotels?

c.) If 300 people attend, how much will it be at both sites?

Mr. LaRoche wants to look at an alternative site. Here are the figures of that site:

Number of people	Cost in $
4	65
5	80
6	95
7	110
8	135
9	150
10	165

a.) What pattern do you see?

b.) What is the initial cost of the hotel ballroom?

c.) How much would it be for 80 Freshman to attend the dance?

EOC BOOT CAMP

_____ Days!

1.) Each week, Kendell increases the amount of time he spends jogging per day.

A.) Write an expression that can be used to find how many minutes he will jog per day in W weeks.

B.) How many minutes will he spend jogging each day during his tenth week of jogging?

Week	Time Jogging (in mins)
1	9
2	17
3	25
4	33

2.) Mr. Kullman is increasing the amount of money he puts in his bank account every day

a.) Write an expression that can be used to find how many dollars he will save in D days

b.) How much will Mr. Kullman have in his bank account in 30 days?

Day	Money in the Bank
1	$3
2	$9
3	$ 15
4	$ 21

3.) The table below shows how much money Jasmine earns at her job.

a.) Write an expression that can be used to find her total earnings in h hours

b.) How much would she earn if she worked 1 hour?

Number of Hours	Money Earned ($)
3	19.50
4	26.00
5	32.50
6	39.00

EOC BOOT CAMP

_____ Days!

Find the equation for each of the tables below:

X	Y
1	8
2	12
3	16
4	20

X	Y
1	1
2	4
3	7
4	10

X	Y
1	5
2	8
3	11
4	14

X	Y
1	5
2	9
3	13
4	17

X	Y
1	10
2	8
3	6
4	4

X	Y
1	3
2	10
3	17
4	24

X	Y
1	8
2	2
3	-4
4	-10

X	Y
1	3
2	6
3	9
4	12

EOC BOOT CAMP

____ Days!

Name: _____

Exit Ticket

1. Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
2. Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ

Criteria for Success:
- ü Try every problem
- ü Show your work (MARK UP THE TABLES!!)
- ü Find the correct answer

1.) What is the pattern to this table:

X	Y
1	4
2	6
3	8
4	10

a.) Y = 2x
b.) Y = 4x + 2
c.) Y = 2x + 2
d.) Y = x + 4
e.) Y = 2x + 4

2.) Which pattern represents y = 4x + 5?

a

X	Y
1	3
2	6
3	9
4	12

b

X	Y
1	7
2	11
3	15
4	19

c

X	Y
1	4
2	8
3	12
4	16

d

X	Y
1	9
2	13
3	17
4	21