EOC BOOT CAMP

Name: _____

1.) What is the equation for this chart? Remember yesterday!
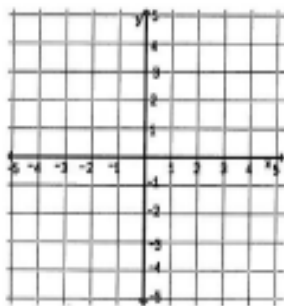
X	Y
1	0
2	2
3	4
4	6

4.) Mr. Irish has at least 5 different games to play. How do you write that inequality:

a.) $G > 5$

b.) $G < 5$

c.) $G \le 5$

d.) $G \ge 5$

2.) Plot the points on a coordinate grid:

X	Y
1	0
2	2
3	4
4	6

5.) What is the equation for this chart? Remember yesterday!

X	Y
1	8
2	11
3	14
4	17

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

$Y = 2x + 5$

X	Y
1	
2	
3	
4	

6.)

1.) 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
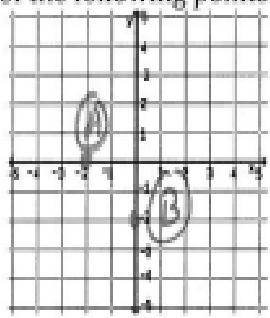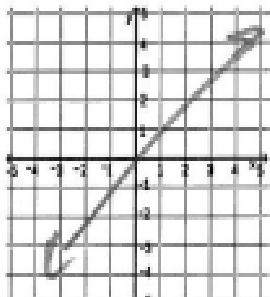
b.) How much will Mr. Kullman have in his bank account in 40 days?

Day	Money in the Bank
1	$5
2	$9
3	$14
4	$19

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Draw two different pictures of ¾	Which is greater? Use <, >, or = -1 ___ -7	Circle the slope! Underline the y intercept! $Y = \frac{2}{5}x + 7$	Combine like terms: $3n + 2n =$
What two numbers have a sum of 9 and a product of 18?	Solve: $2x - 3 = 15$	Use the distributive property: $4(x + 5) =$ _____	What are the coordinates of the following points? A= B=
Positive or negative slope?	Solve for x $\frac{x}{2} = \frac{5}{10}$	Graph on the number line: X ≥ -2 x ≥ -1	Solve for x $13 - x = 5$
Evaluate: when x = 3 $x^3 =$ $4^x =$	Solve $-7 + 4 =$ $-5 - 4 =$	Place on the number line: - ½	How can you make seven even?
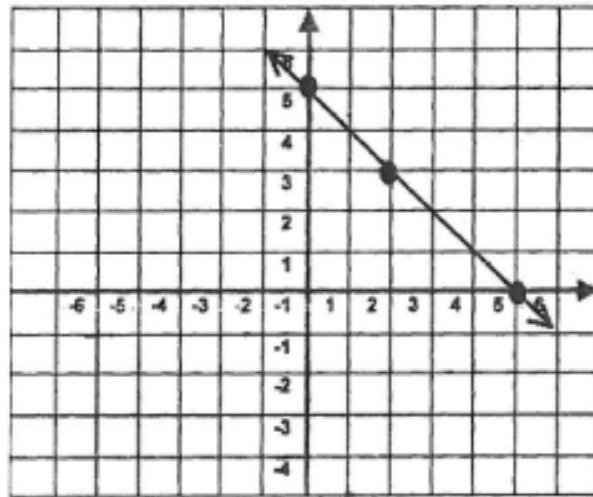
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What do you see?

1._____

2._____

3._____

4._____

5._____

6._____

7._____

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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

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Objective: SWBAT use the pattern of a table to find the equation in Y-intercept form and use that equation to identify the slope or a value.

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

2.) The cost of carriage rides in the French Quarter are given in half miles, shown in the table below:

Number of half miles	Cost
7	$9.00
10	$10.50
13	$12.00
16	$13.50

How much is it for just a 1 mile trip on the carriage?

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1.) Write an expression or equation for the following linear equation with x and y values.

Ⓐ

X	Y
1	8
3	14
5	20
7	26

Ⓑ

X	Y
2	6
4	4
6	2
8	0

Ⓒ

Texts	Cost
51	$15.10
52	$15.20
53	$15.30
54	$15.40

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Find the rule! (the equation **J**):

E O C _____ *Days!*

A)

X	Y
1	5
2	10
3	15
4	20

B)

X	Y
2	10
4	8
6	6
8	4

C)

X	Y
6	10
4	8
2	6
0	4

D)

X	Y
4	7
8	15
12	23
16	31

E)

X	Y
0	10
1	9
2	8
3	7

F)

X	Y
12	16
8	8
4	0
0	-8

G)

X	Y
3	20
6	38
9	56
12	74

H)

X	Y
2	8
6	16
10	24
14	32

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FIND THE SLOPE OF EACH PAIR OF COORDINATES. REMEMBER CHANGE IN Y OVER CHANGE IN X!!!

X	Y
1	-3
2	-8

X	Y
0	9
1	10

X	Y
-4	3
2	1

X	Y
3	-8
1	0

X	Y
-4	1
-2	5

X	Y
-3	9
3	0

X	Y
0	0
5	10

X	Y
-3	8
1	12

X	Y
5	100
10	200

X	Y
-6	2
2	-2

X	Y
-3	2
2	-3

X	Y
2	4
0	-4

X	Y
6	-3
-2	-1

X	Y
6	3
11	18

X	Y
-7	2
-4	3

X	Y
-5	-3
-4	-3

X	Y
2	-5
0	3

X	Y
1	3
2	4

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E O C _____ *Days!*

Name: _____

Exit Ticket

1. (A) (B) (C) (D) (E)

2. (A) (B) (C) (D) (E)

3. (A) (B) (C) (D) (E)

4. (A) (B) (C) (D) (E)

①

25. In the Cartesian plane, a line runs through points(1,−5) and (5,10). Which of the following represents the slope of that line?

A. $\frac{4}{15}$

B. $\frac{4}{5}$

C. 1

D. $\frac{5}{4}$

E. $\frac{15}{4}$

③

Diastolic blood pressure tends to increase linearly with age. Suppose that the average diastolic blood pressure of 20-year-olds is 120 and the average diastolic blood pressure of 60-year-olds is 140. Given this model, what would be the average diastolic blood pressure of 50-year-olds?

A. 120
B. 125
C. 130
D. 135
E. 140

②

13. In the square graphed below, what is the slope of line segment AC?

B(−4,4)   C(4,4)

A(−4,−4)   D(4,−4)

A. 4
B. 2
C. 1
D. −1
E. −4

④
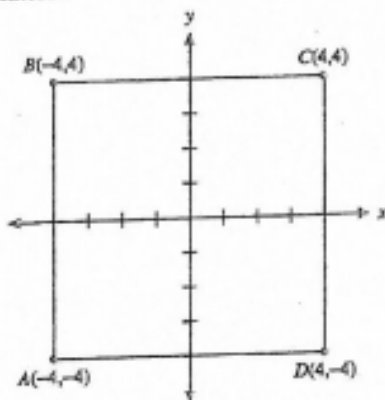
26. In the standard (x, y) coordinate plane, what is the slope of the line joining the points (3,7) and (4,−8)?

A. −15

B. −1

C. $-\frac{1}{7}$

D. $\frac{21}{32}$

E. 15

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