November 11, 2020

6th Grade
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Please get out your project to turn in.

Today we will:
-6P: complete checking "Fireworks" WS
-work on study guide and get binder in order for binder check

HOMEWORK:

Complete study guide and check on my Weebly

ALEKS-60 minutes and 5 topics due by Nov 17

Binder check and test TOMORROW (on paper this time)

Benchmark Quiz Nov 18

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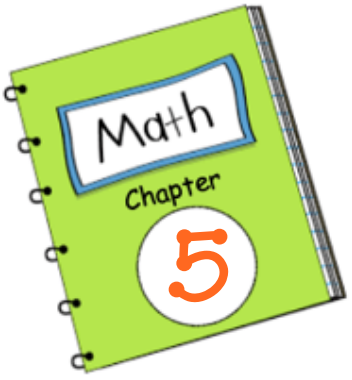

TITLE: Integers and the Coordinate Plane

Date	Lesson	Topic/Assignment
10/19	1	Integers and Graphing VN and Examples
10/20	1	HW WS
10/22	2	Absolute Value Video Notes
10/22	2	Packet
10/23	1-2	Alien WS
10/26	3	Compare and Order Integers Notes
10/26	3	Page 367 and 369 from Text
10/27	3	Skills Practice WS
10/28	4	Terminating and Repeating Decimals VN
10/29	4	Practice WS (6 Boxes)
10/30	4	Reteach and Review WS
11/2	5	Compare and Order Rational Numbers VN
11/3	5	Skills Practice WS
11/4	5	Practice WS (6 Boxes)
11/4	6	Coordinate Plane Video Notes
11/4	6	In-Class Notes (half sheet)
11/5	6	Page 401 from Text
11/6	7	Graphing in Coordinate Plane VN
11/9	7	In-Class Notes (half sheet)
11/9	7	Page 407 from Text
11/10	7	Fireworks WS
11/11	ALL	Study Guide

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Name _____ Coordinate grid

Date _____

A Firework Finale

Part 1.

Name the points that are in each quadrant.

Quadrant I

U, O, F !

Quadrant II

E, D, M, ! ☺

Quadrant III

I, A, Z !!

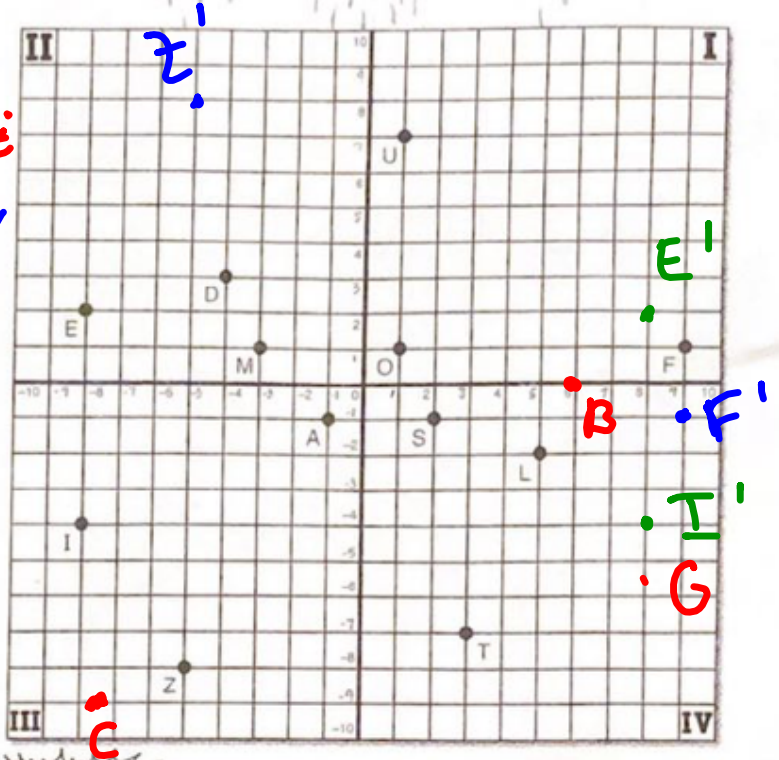
Quadrant IV

L S T !!

Part 2.

Write the ordered pair that describes each letter's location on the grid.

Point	Coordinates
A	(-1, -1)
D	(-4, 3)
E	(-8, 2)
F	(9, 1)
I	(-8, -4)
L	(5, -2)
M	(-3, 1)
O	(1, 1)
S	(2, -1)
T	(3, -7)
U	(1, 7)
Z	(-5, -8)



Part 3. Find out what one firework said to another by writing each letter on the line or lines above the matching ordered pair.

I	M	A	L	L
(-8, -4)	(-3, 1)	(-1, -1)	(5, -2)	(5, -2)

F	I	Z	Z	L	E	D
(9, 1)	(-8, -4)	(-5, -8)	(-5, -8)	(5, -2)	(-8, 2)	(-4, 3)

O	U	T !
(1, 1)	(1, 7)	(3, -7)

Part 4. Plot and label each point.

B. (6, 0) C. (-7.5, -9) G. (8, $-5\frac{1}{2}$)

Part 5 Reflect points E and I across the y-axis.
Reflect points F and Z across the x-axis

Name _____ #___ Date Due _____

6th Grade MATH STUDY GUIDE Ch5 Integers

Complete the work inside the boxes under the problem. Circle your answer.

1. Write an integer to represent the situation. Explain the meaning of zero.

a rise of 9 degrees

integer: _____

_____

_____

meaning of zero: _____

_____

_____

2. Write an integer to represent the situation. Explain the meaning of zero.

moving back 4 spaces

integer: _____

_____

_____

meaning of zero: _____

_____

_____

3. A diver is 15 feet below sea level. A bird is flying 12 feet above sea level. Graph these integers on a number line. What is the distance between the diver and the bird?

They are _____ feet apart.

4. Evaluate.

$|-10| =$ _____

$|5| + |-12| =$ _____

$|-22| - |4| =$ _____

5. Write <, >, or = to compare.

4 _____ -1

-3 _____ -3

-9 _____ -7

-10 _____ -6

6. Order -10, 9, 1, and -5 from least to greatest.

_____, _____, _____, _____

7. Write this mixed number as a decimal. If the decimal repeats, use bar notation.

$4\frac{1}{13}$ = _____

8. Write this fraction as a decimal. If the decimal repeats, use bar notation.

$-\frac{15}{16}$ = _____

9. Fill in the circle with <, >, or = to make a true sentence. Show your work to put them in the same form.

$-3\frac{4}{9}$ ◯ -3.25

10. Order the following numbers from least to greatest. Show your work to put them in the same form.

$-0.2, \frac{3}{20}, -\frac{2}{9}, 0.25$

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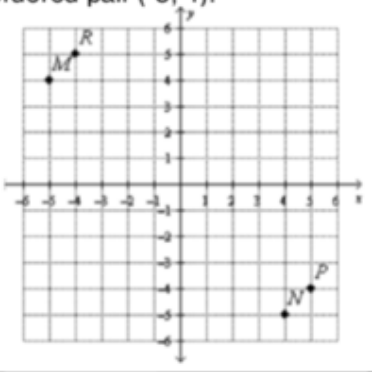
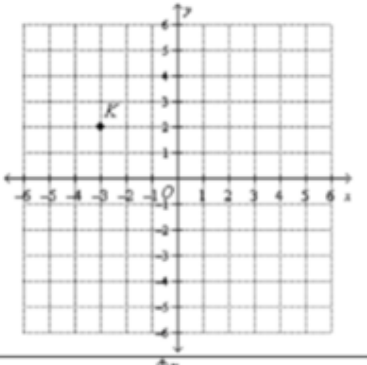
11. Fill in the circle with <, >, or = to make a true sentence.

$$-\frac{17}{30} \bigcirc -\frac{19}{30}$$

12. Circle the point located at the ordered pair (-5, 4).



13. Identify the ordered pair that is located at point K. (___, ___)

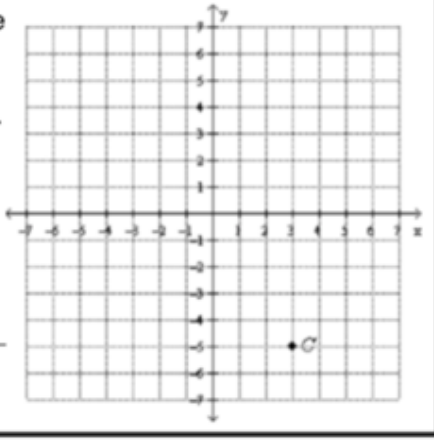


14. Name the ordered pair for the point on the graph.

(___, ___)

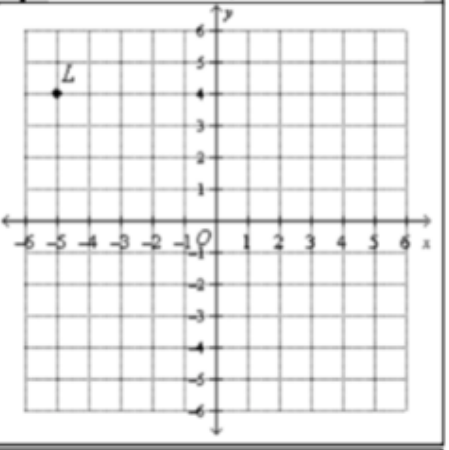
Identify its quadrant.

Quadrant ___



15. Identify the ordered pair that is a reflection of point *L* across the *y*-axis.

(___, ___)



16. Graph A at (5, 2).
Graph B at (-4, 1).
Graph C at (0, -3).