6th Grade
Nov 4, 2020

Please get out your homework and video notes to review.

Today we will:
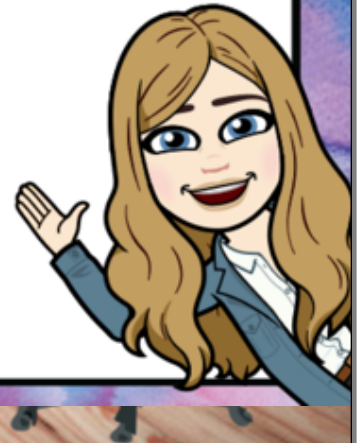-go over homework and video notes
-do examples
-work on WS in class

HOMEWORK:

WS from text

ALEKS-60 minutes and 5 topics due by Nov 10

Name _____

MATH WORKSHEET

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

1. Write <, >, or =.

You must show how you can tell.

$$-\frac{7}{9} \quad \bullet \quad -\frac{5}{8}$$

$-\frac{7}{9} \times \frac{8}{8} = \frac{-56}{72}$ $\boxed{<}$ $-\frac{5}{8} \times \frac{9}{9} = \frac{-45}{72}$

2. Write <, >, or =.

You must show how you can tell.

$$-3.72 \quad \bullet \quad -3\frac{9}{10}$$

$-3.72 > -3.90$

3. For numbers 3-6, order least to greatest.

$\left\{6\frac{2}{3}, -6\frac{1}{4}, -6.3, 6.04\right\}$

6.66... -6.25 -6.30 6.04

$\boxed{-6.3, -6\frac{1}{4}, 6.04, 6\frac{2}{3}}$

4.

$\left\{13.7, 13\frac{7}{100}, -13\frac{17}{100}, -13.2\right\}$

13.70 13.07 -13.17 -13.20

$\boxed{-13.2, -13\frac{17}{100}, 13\frac{7}{100}, 13.7}$

5.

$\left\{1\frac{1}{5}, -1.23, -1\frac{1}{6}, 1.14\right\}$

1.20 -1.23 -1.16... 1.14

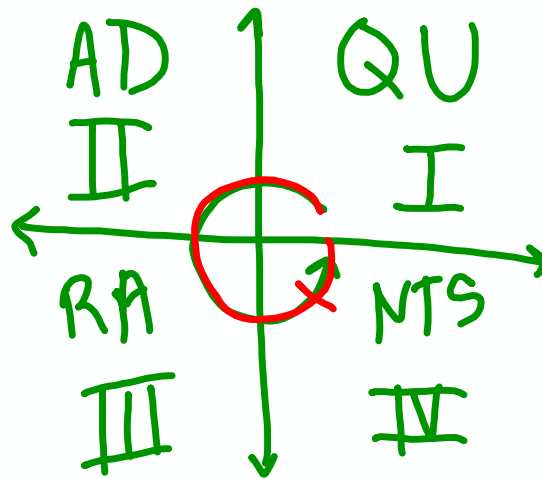$\boxed{-1.23, -1\frac{1}{6}, 1.14, 1\frac{1}{5}}$

6.

$\left\{43.18, -43\frac{1}{4}, -43.3, 43\frac{4}{5}\right\}$

43.18 -43.25 -43.30 43.80

$\boxed{-43.3, -43\frac{1}{4}, 43.18, 43\frac{4}{5}}$

Video notes on 5-6:

AD QU
II I

RA NTS
III IV

$(-\ ,\ +)$

EX: $(-3, 5)$

Go left 3
Go up 5

$(-\ ,\ -)$

EX: $(-2, -6)$

Go left 2
Go down 6

The **origin** _____ is where the x and y axis intersect at (0,0)

II

(-8, 3)   (-3, 5)

(2,9)(2,9)

I

(4, 7)

x-axis

III
(-8, -3)

origin
(0,0)

(-2, -6)

IV

(8, -9)

We use (x,y) to name locations on a graph.

You have to _____ **run** _____ before you **rise** ___

Reflections: Use **opposites** to find reflections. For example, the point (2,9) reflected across the y axis is (-2,9). The coordinate that goes with the axis that the point is reflected over does **not** change.

Ex 1: Reflect (2,9) over the y-axis.
Ex 2: Reflect (-8, 3) over the x-axis.

$(+\ ,\ +)$

EX: $(4, 7)$

Go right 4
Go up 7

$(+\ ,\ -)$

EX: $(8, -9)$

Go right 8
Go down 9

Let's Try...
6th Grade

Textbook page 398 (WS)
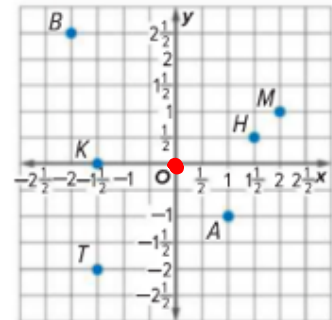
We will do #1-4 together.

Name _____

Unit ____ Lesson _____ Due Date _____

Guided Practice

Check ✓

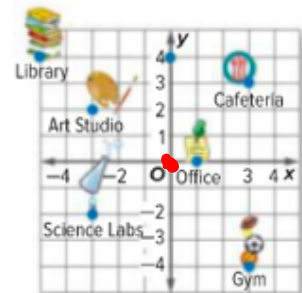Identify the ordered pair that names each point or the name of each point. Then identify the quadrant in which it is located. (Examples 1 and 2)

1. T — *(handwritten)* $(-1\frac{1}{2}, -2)$ III

2. $\left(-1\frac{1}{2}, 0\right)$ — *(handwritten)* $\overset{x\ y}{K}$ none, on the x-axis

3. $\left(-2, 2\frac{1}{2}\right)$ — *(handwritten)* B II

4. Refer to the diagram of a school. (Examples 3 and 4)

(handwritten) left 3, down 4

  a. What is located at the reflection of $(-3, -4)$ across the y-axis? What are the coordinates of this location?

  (handwritten) Gym $(3, -4)$

  b. What is located at the reflection of the science labs across the x-axis? What are the coordinates of this location? *(handwritten)* Art $(-3, 2)$

ICA/HW
6th Grade

Please work on pg 401 #20-37.

This is homework if not done.

Extra Practice

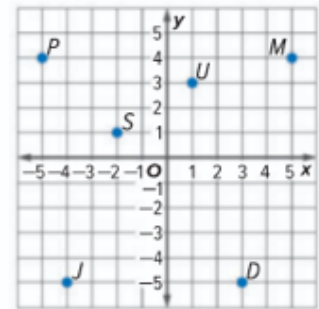Identify the ordered pair that names each point. Then identify the quadrant in which it is located.

19. *U*

(1, 3); I

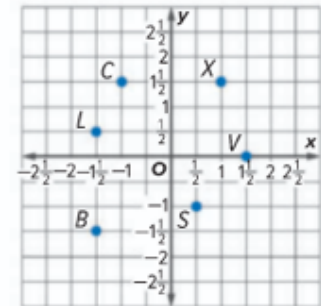Both numbers are positive so it is in the first quadrant.

20. *D*

21. *S*

22. *P*

23. *J*

24. *M*

Identify the name of each point. Then identify the quadrant in which it is located.

25. $\left(-1\frac{1}{2}, \frac{1}{2}\right)$

26. $\left(1, 1\frac{1}{2}\right)$

27. $\left(\frac{1}{2}, -1\right)$

28. $\left(1\frac{1}{2}, 0\right)$

29. $\left(-1\frac{1}{2}, -1\frac{1}{2}\right)$

30. $\left(-1, 1\frac{1}{2}\right)$

31. **MP** **Model with Mathematics** Luke is making a model of a park. He has the basketball court drawn on his model.

(4, 2)

a. The swing set is located at the reflection of point *B* across the *x*-axis. What ordered pair describes the location of the swing set?

b. The slide is located at the reflection of point *C* across the *x*-axis. What ordered pair describes the location of the slide?

c. A water fountain is located at the reflection of point *D* across the *y*-axis. What ordered pair describes the location of the water fountain?
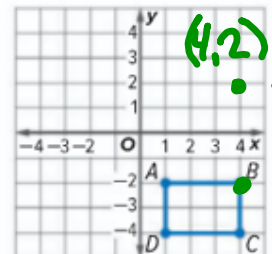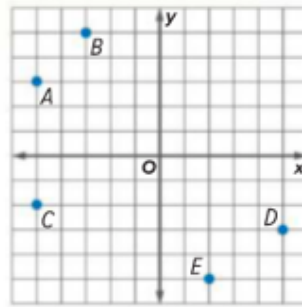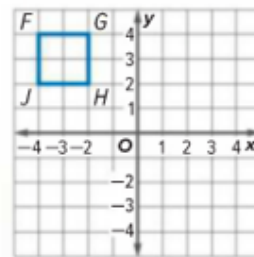
CCSS Power Up! Common Core Test Practice

32. Identify the ordered pair that names each point.
Then identify the quadrant in which it is located.

a. A [_____]

b. B [_____]

c. C [_____]

d. D [_____]

e. E [_____]

33. Write the ordered pair that repesents the reflection of point J across the y-axis.

[_____]

CCSS Common Core Spiral Review

Represent the set of numbers as decimals on the number line. 4.NF.6

34. $\left\{5\frac{3}{10}, 5\frac{1}{10}, 5\right\}$

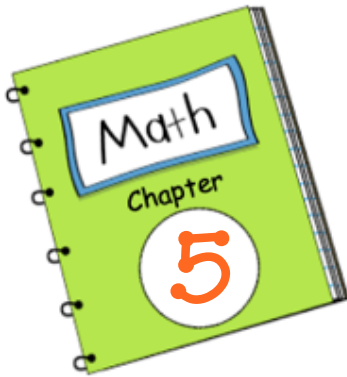**35.** $\left\{3\frac{1}{10}, 2\frac{7}{10}, 2\frac{9}{10}\right\}$

36. Draw a line of symmetry on the figure shown. 4.G.3

37. The table shows how many magazines three co-workers sold in one month. How many magazines did they sell in total? 4.NBT.4

Name	Number of Magazines
Julie	12
Dion	0
Calvin	7

Math

Chapter

5

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)

Welcome to our class

6th Grade
Homework

WS from text

ALEKS due Monday

never give up

IN THIS CLASSROOM WE DON'T give up. BUT WE DO give our best effort

HARD WORK PAYS OFF

WELCOME

HAVE FUN
LEARN LOTS
LISTEN WELL
TRY HARD
BE KIND
BEHAVE
BE PROUD
BE HUMBLE