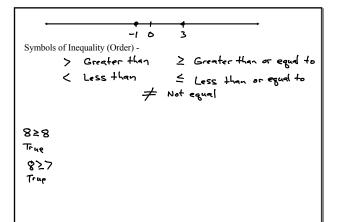
## Algebra I

1-2

Order, Absolute Value, Opposites

Real Numbers - All the numbers that you know about negative # positive # # get larger smaller -3 0 1 17 7

Real Numbers can be broken down into:



Write a number to represent each situation. (pg 33)

Then write the opposite of that situation and write a number to represent it.

1) Five steps down: -5

Five steps up : 5

Translate each statement into symbols.

15) Six is greater than negative nine.

State two inequalities, one with > and one with <, for the coordinates of the points shown in color.

31)

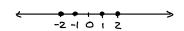
-1 0 3

-1 < 3

Complete using one of the symbols < or > to make a true statement.

41) 6\_\_\_5 + 4 6 < 9 Graph the given numbers on a number line. Draw a separate line for each exercise. Then list the numbers in increasing order.

47) 1, 2, -2, -1



Solve each equation over the set of real numbers. If there is no solution, explain why there is none.

Evaluate each expression if a = 1.5, b = -2, and c = -1.739)  $\left| \frac{1}{a} \right| + \left| b \right|$ 

Assignment:
The Classic 1-8
2-54 every 4th (2,6,10, etc)
The Classic 1-9
2-44 even