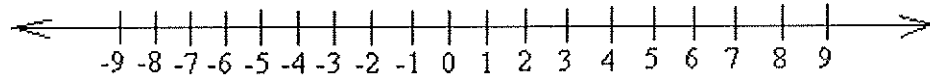


Name:
Period:

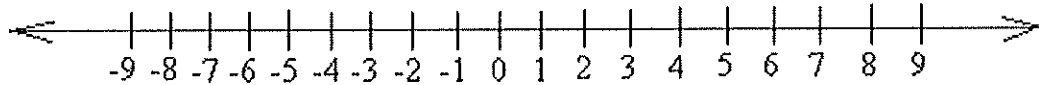
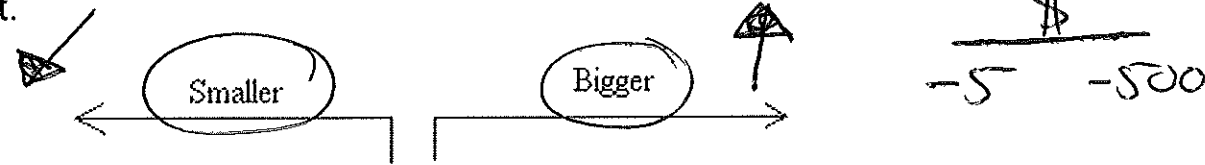
Date:

3.5 Comparing integers

When comparing integers, you can use a number line



Any number to the right of 0 gets bigger and bigger as you move to the right.



★ So, if the numbers are positive, the smaller number is the one closer to 0

★ Any number to the left of 0 gets smaller and smaller as you move to the left. negative.

★ So, if the numbers are negative, the bigger number is the one closer to zero

Thing to remember: Absolute Value: $|-3| = 3$
★ How far a # is from 0.

Numbers on the left are always smaller than numbers on the right.

EXAMPLES:

Compare 3 and -2
 $3 > -2$

Compare -4 and -1
 $-4 < -1$

Compare -7 and -5

$$-7 < -5$$

Compare 3 and 2
 $3 > 2$

Compare $|-9|$ and $|8|$
 $9 > 8$

Compare $|-21|$ and $|-20|$

$$21 > 20$$