1) Create a scenario to represent the following equation:       (16) + (-16) = 0

2) A city in the continent of Africa is located 4° north of the equator. What is the location in degrees longitude that is the same distance south of the equator?

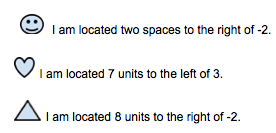
\_\_\_\_\_\_\_\_\_\_

3) Choose one scenario below and explain the value of +8 and -8 in terms of the situation.

* Temperature Change
* Change in elevation
* Money in your bank account

4) The number 4 is located 10 spaces to the right on a number line of what number?   \_\_\_\_\_\_\_\_\_\_\_\_\_

5) Part I: Place the following symbols on the number line below based upon their clues.





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6) Describe -14 < -6 as it relates to locations on a number line.

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7) The following inequality statement represents the profit and loss of two different local snowball stands.  Icy Snowball Stand generated a $27 profit this month while Freeze It Snowball Stand generated a loss of $35.  Write an inequality statement to describe this situation and explain what the inequality means in terms of profit and loss.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8) List two numbers that are the same distance from zero. \_\_\_\_\_\_\_ \_\_\_\_\_\_\_

Write each of the scenarios as integers and its opposite:

9) $78 drop in sales \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_

10) windchill of 17 degrees below zero \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_

11) Order the following numbers 17, -12, 9, -26, 0 from least to greatest.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12) Compare using <, >, and =.

-5 \_\_\_\_\_ 2 -17 \_\_\_\_\_ -6 8 \_\_\_\_\_\_\_ -8

13) Graph the following five numbers on a number line; then order the numbers from greatest to least:

