Integers and Absolute Value

Fill in the blank.

are\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ whole numbers. They are often shown on a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Positive numbers \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ as they move further away from zero. Negative numbers \_\_\_\_\_\_\_\_\_\_\_\_\_\_ as they move further away from zero.

**Real World Examples of Integers:**



**Compare using <, >, or =.**

1. -5 -3 2. -100 -3 3. 0 -12 4. 8 -6

**Arrange in order from least to greatest.**

5. -5, 5, 8, -8, 0, 12, -14, 1, -2, 3, -4 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ a number is from zero. Absolute value

is always \_\_\_\_\_\_\_\_\_\_\_\_\_. It can never be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. The

symbol for absolute value is \_\_\_\_\_\_.

**Real World Examples of Absolute Value:**



Simplify.

6. l -4 l = \_\_\_\_\_ 7. l 4 l = \_\_\_\_\_ 8. l -3 l + l 2 l = \_\_\_\_\_ 9. - l 4 l = \_\_\_\_\_