Name : \_\_\_\_\_\_ Date: \_\_\_\_\_

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## Absolute Value of a Number

The *absolute value* of a number is the distance between that number and zero on the number line. It is denoted by two bars (||). Since we are referring to distance, the absolute value of a number can never be negative. However, if a negative sign is outside the absolute value, it is not affected by the absolute value symbol.

## Examples:

$$4. - |3| = -3$$

$$|-2| = 2$$

$$5. - |-5| = -5$$

$$3. |4| = 4$$

6. 
$$|6| + |-4| = 10$$

## Practice Exercises 1

A. Give the value of the following.

B. Write >, < or = on the blank to make the statement true.