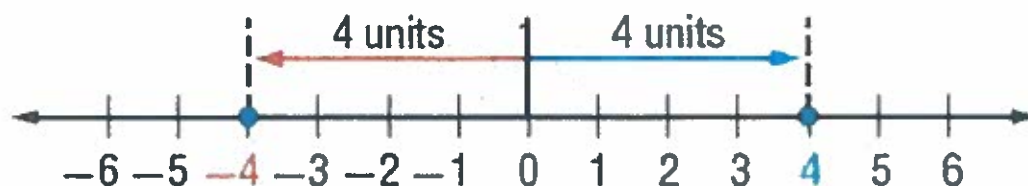# Chapter 5 Lesson 2: Absolute Value

Absolute Value: The distance between a number and 0 on the number line.

$|4| = 4$ The absolute value of 4 is 4.
$|-4| = 4$ The absolute value of negative 4 is 4

Opposites: Numbers that are the same DISTANCE from zero in opposite directions.

- -4 and 4 are opposites
- Since 0 is not negative nor positive, 0 is its own opposite.

Examples:

$|-5| =$ ___5___ $|20| - |-3| =$ ___17___

5   20 - 3

$|-16| + |-12| = $ __28__

16 + 12

Find the opposite:

-5 __5__   42 __-42__   8 __-8__

Find the opposite of the opposite:

-5 __-5__   500 __500__   -26 __-26__

Evaluate:

$-|-10| = $ __-10__

- 10

$|13 - 6| = $ __7__

13-6

|7|

7