

9/9/15

Absolute Value

The distance from zero on a number line.

It is ALWAYS positive!

$$|-3| = \text{“The absolute value of -3 is”}$$

3

$$|29| = \text{“The absolute value of 29 is”}$$

29

(Its like the number is in jail)
| | absolute value sign

$|-4|$ and $|4|$ have the same absolute value of 4

Example Problems:

$$|6-2| = |4| = 4$$

$$10 - |6+1| = 10 - |7| = 10 - 7 = 3$$

When there is a negative on the outside of the absolute value bars the final answer becomes negative

$$-|-9| = -9$$

