

# Absolute Value

The absolute value of a number results in a positive number, like a distance.

Examples: Find the  $|7|$

Find the  $|-3|$

In both cases, whatever number appears on the inside is transformed to a positive number.

$$|7| = 7$$

$$|-3| = 3$$

Find the absolute value of the following:

1.  $|7|$

2.  $|13|$

3.  $|-6|$

4.  $|-20|$

5.  $|\frac{1}{4}|$

6.  $|- \frac{1}{2}|$

7.  $|8 - 2|$

8.  $|6 - 10|$

9.  $|5 - 2|$

10.  $|2 - 5|$

11.  $|7| + |-4|$

12.  $|-6| + |8|$

13.  $|-6| + |-5|$

14.  $|6| - |-13|$

15.  $-|8|$

16.  $-|-5|$

17.  $-|-20|$

18.  $-|4 - 6|$

19.  $-|7 - 5|$

20.  $-2|5 - 8|$