

Name: \_\_\_\_\_  
Absolute Value

Algebra I Period \_\_\_\_  
Date: \_\_\_\_\_

For each value below, find the absolute value of the given number. Then give another number which has the same absolute value.

1. -5

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

3. 1.4

For the following numbers, state whether the sentence is true or false.

4.  $|-13|=13$

5.  $|-7|=|7|$

6.  $|-10|<|10|$

7.  $|8|>|-19|$

8.  $|-21|\geq 21$

Find the value of each numbered expression below.

9.  $|9|+|-3|$

10.  $|6|\cdot|-4|$

11.  $|-10|-|-5|$

12.  $|8-4|+|-3|$

13.  $|+12|-|-8|-|+4|$

14.  $-(|-9|-|7|)$

State whether each equation below is true or false.

15.  $|+5|-|5|=0$

16.  $|3|\cdot|-3|=-9$

17.  $\frac{|-8|}{|-4|}=-|+2|$

18.  $|4|\cdot|-2|-\frac{|-16|}{|2|}=0$

19.  $|-6|\cdot|4|>0$

20.  $|6|+|-4|<6-4$

## Properties of Real Numbers

Additive Identity:

Additive Inverse:

Commutative Property of Addition:

Associative Property of Addition:

Addition Property of Zero:

Multiplicative Identity:

Multiplicative Inverse:

Commutative Property of Multiplication:

Associative Property of Multiplication:

Multiplicative Property of Zero:

Distributive Property: