

Name \_\_\_\_\_

**SIMPLIFYING EXPRESSIONS WITH ABSOLUTE VALUE #5**

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**Directions:** Simplify each of the expressions below. According to the correct *Order of Operations*, you should treat *absolute value* like an expression in parentheses. That means, simplify the absolute value expression first, before you add or subtract any numbers outside of the absolute value symbol.

Examples:  $|7-8|+3=?$

$$-|5-7|+|10+1|=?$$

$$\frac{-|8+2|}{|6-1|}+7=?$$

$$|-1|+3=?$$

$$-|-2|+|11|=?$$

$$\frac{-|10|}{|5|}+7=?$$

$$1+3=4$$

$$-2+11=9$$

$$\frac{-10}{5}+7=5$$

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1)  $-|7+2|+4 = \underline{\hspace{2cm}}$

2)  $|1-2|+|-4| = \underline{\hspace{2cm}}$

3)  $-|6+9|+|3| = \underline{\hspace{2cm}}$

4)  $-|9+1|+|8+4| = \underline{\hspace{2cm}}$

5)  $|1-9|+|-5+-4| = \underline{\hspace{2cm}}$

6)  $-|6-8|+|5+3| = \underline{\hspace{2cm}}$

7)  $\frac{|5-9|}{-|1+1|} = \underline{\hspace{2cm}}$

8)  $\frac{|8-5|}{|-2+-1|}+4 = \underline{\hspace{2cm}}$

9)  $\frac{-|6+2|}{-|5-1|}+2 = \underline{\hspace{2cm}}$

10)  $10+|1-8|+-6 = \underline{\hspace{2cm}}$

11)  $|-2|+|-6+-2|+4 = \underline{\hspace{2cm}}$

12)  $12+|-6+2|+4 = \underline{\hspace{2cm}}$

13)  $\frac{|7-15|}{-|1-9|}+|-11| = \underline{\hspace{2cm}}$

14)  $-|6-6|+|5-5|+10 = \underline{\hspace{2cm}}$

15)  $\frac{|-8|}{|-7+-1|}+4 = \underline{\hspace{2cm}}$