

Name _____

SIMPLIFYING EXPRESSIONS WITH ABSOLUTE VALUE #4

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

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

$$1+3=4$$

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

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

$$2+11=13$$

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

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

$$2+7=9$$

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