

Name _____

SIMPLIFYING EXPRESSIONS WITH ABSOLUTE VALUE #1

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

$$|1|+3=?$$

$$1+3=4$$

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

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

$$2+11=13$$

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

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

$$2+7=9$$

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

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

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

4) $|9+3|+|8+3| = \underline{\hspace{2cm}}$

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

6) $|8-4|-|5-1| = \underline{\hspace{2cm}}$

7) $|9+5|+|1+3| = \underline{\hspace{2cm}}$

8) $|9+3|+|8+3|-6 = \underline{\hspace{2cm}}$

9) $8+|9+3|+|8+3| = \underline{\hspace{2cm}}$

10) $10+|1+3|+6 = \underline{\hspace{2cm}}$

11) $8-|2+2|-4 = \underline{\hspace{2cm}}$

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

13) $|7-1|-|3+2| = \underline{\hspace{2cm}}$

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

15) $|5-5+3|+5-|2| = \underline{\hspace{2cm}}$