10) $10 + |1 - 8| + -6 =$ _____

12) $12 + |-6 + 2| + 4 =$ _____

13) $\dfrac{|7 - 15|}{-|1 - 9|} + |-11| =$ _____

15) $\dfrac{|-8|}{|-7 + -1|} + 4 =$ _____

Algebra 1 – Practice/ Homework

Name:

Unit 1- Absolute Values

Period: 3   8   **Date:** 9/20/17

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:

$|7-8|+3 = ?$

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

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

1) $\quad -|7+2|+4 =$ _____

3) $\quad -|6+9|+|3| =$ _____

4) $\quad -|9+1|+|8+4| =$ _____

6) $\quad -|6-8|+|5+3| =$ _____

7) $\quad \dfrac{|5-9|}{-|1+1|} =$ _____

9) $\quad \dfrac{-|6+2|}{-|5-1|}+2 =$ _____