

1.2 In-Class Review

Algebra I
Order of Operations

Name _____

1. For any given algebraic expression, what is the order of operations you follow?

Simplify the following expressions. SHOW ALL WORK, AND DO NOT USE A CALCULATOR!

2. $3 \cdot 5 - 4^2 + 10 \div 2 =$ _____

3. $50 - (8 - 1)^2 + 12 \div 4 =$ _____

4. $\frac{6+10}{2} - 2 \cdot 3 + 5 =$ _____

5. $2(5+5)^2 - 10 \cdot 5 =$ _____

6. $[6(15-8) - 40] - (1+2)^3 =$ _____

7. $\frac{60 - 9 \cdot 5}{(5+1)^2 - 11 \cdot 3} =$ _____

8. $25 - 4 \cdot 5 + 3^2 - (14 - 5) =$ _____

9. $8^2 - 2^3 \cdot 7 + 1 =$ _____