

Assignment-Day 1: Order of Operations

Date _____ Period _____

Evaluate each expression. Simplify completely (You must show at least two steps on each problem. Problems with an expression with a fraction bar must show two steps each for the top and bottom). NO CALCULATORS!

1) $2 + 16 \div 4$

2) $5 + 4 + 4$

3) $4 \times 2 + 1$

4) $5(4 + 5)$

5) $(1 + 4)(4 - 1)$

6) $(1 + 4 \div 2) \times 3$

7) $(4 - 1) \div (5 - 2)$

8) $6 + 6 - (5 + 1)$

9) $(6 - 6) \times 6 + 3 + 3$

10) $5 - 4 + (2 \times 3)^2$

$$11) (3 + 10 - 1) \div (6 - 2)$$

$$12) 2 \div ((1 + 1)(4 - 3))$$

$$13) \frac{6}{(-3) - ((-6) + 2 \times 2)}$$

$$14) \frac{4 \times 2}{-2}$$

$$15) (-6) - 2 + (-9)^2$$

$$16) (2 + 6 + 10) \times (-2)$$

$$17) \frac{20 + 2 - 5 \times 2}{-2}$$

$$18) -4 \times -4 \left(5 - 3 - \frac{25}{5} \right)$$

$$19) \frac{(-11 + 6) \times 3}{2 + 3 - |2|}$$

$$20) (-4 - -6 \times -6 - 4) \times \frac{-3 - 2}{5}$$