

Lesson 20: Write and Evaluate Numeric Expressions with Order of Operations

Homework

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Name _____ **Date** _____

Directions: Solve the following problems using what you have learned about expressions, exponents, and the order of operations.

1. Write three different verbal expressions for the following: $6 + (25 \div 5)$.

2. Write a numerical expression for the following: The product of seven and twelve minus fifteen.

Directions: For 3 – 6, find the value of the expression using the order of operations.

3. $(14 - 2) \div 3 \cdot 2 + 5$

4. $56 + 4^2 - 18 \div 3$

5. $54 \cdot \left(\frac{1}{3}\right)^3 + 14 - 6$

6. $4 \cdot \{68 - (4 \cdot 2)^2\}$