

Name _____

Unraveling the Mystery of the Order of Operations

Multiple Choice Questions

1. What does PEMDAS stand for?
 - a) Parentheses, Exponents, Multiplication, Division, Addition, Subtraction
 - b) Parentheses, Exponents, Multiplication, Division, Subtraction, Addition
 - c) Parentheses, Exponents, Addition, Subtraction, Multiplication, Division
 - d) Parentheses, Exponents, Addition, Division, Multiplication, Subtraction

2. What is the first step in the order of operations?
 - a) Multiplication
 - b) Subtraction
 - c) Parentheses
 - d) Addition

3. What operation takes precedence after parentheses and exponents?
 - a) Multiplication
 - b) Subtraction
 - c) Addition
 - d) Division

4. How are multiplication and division executed in the order of operations?
 - a) From right to left
 - b) From left to right
 - c) From top to bottom
 - d) From bottom to top

5. Which expression demonstrates the correct order of operations?
 - a) $4 + 3 \times 2 \div (5 - 1)$
 - b) $4 + 3 \div 2 \times (5 - 1)$
 - c) $4 - 3 \times 2 \div (5 + 1)$
 - d) $4 - 3 \times (2 \div 5) + 1$

