

Name _____

ORDER OF OPERATIONS #2

Directions: Use the correct order of operations to calculate the value of each expression below. One way to remember the correct order of operations is by using the acronym PEMDAS (Parentheses/Exponents/Multiplication/Division/Addition/Subtraction). Show all of your steps in the space below each problem.

Examples: $(3 + 7) \times 2 = \underline{\quad}$ $5(8-1) + 11 = \underline{\quad}$
 $(10) \times 2 = \underline{\quad}$ $5(7) + 11 = \underline{\quad}$
 $\underline{20}$ $35 + 11 = \underline{18}$

1) $(15 + 6) \times 2 = \underline{\quad}$

2) $(17 - 9) \times 6 = \underline{\quad}$

3) $25 - 13 \div 6 = \underline{\quad}$

4) $32 + 7 \times 1 = \underline{\quad}$

5) $11 \times 2 - 20 \div 5 = \underline{\quad}$

6) $(25 - 5) + 28 = \underline{\quad}$

7) $(35 + 17) - (100 - 98) = \underline{\quad}$

8) $21 + 5 - 3 + 8 - 2 = \underline{\quad}$

9) $(30 \div 3) + (50 \div 2) - 2 = \underline{\quad}$

10) $(9 - 8 + 1) \div 1 = \underline{\quad}$