Name_____

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. PEMDAS represents the order (Parentheses/Exponents/Multiplication/Division/Addition/Subtraction). Show all of your steps in the space below each problem.

Examples: (3 + 7) x 2 = ____   5(8-1) + 11 = ____

        (10) x 2 = ____   5(7) + 11   = ____

               _20_   35 + 11   = _18_

1) $48 - 6 \bullet 7 =$ _____

2) $9 \bullet (6 + 5) - 9 =$ _____

3) $9 \bullet 8 - 64 \div 8 =$ _____

4) $12 + 16 \div 2^2 - 2 =$ _____

5) $27 \div (12 - 9) \bullet 8 =$ _____

6) $(6 - 4)^2 \bullet (12 + 3) =$ _____

7) $\dfrac{(10 - 8) \bullet 9}{5 + 1} =$ _____

8) $\dfrac{70 \div (12 - 5)}{15 + 3} =$ _____

9) $(20 \div 2) + (20 \div 2) - 2 =$ _____

10) $(8 + 9 + 1) \div 9 =$ _____