### **Complex Order of Operations Worksheet**

**Title:** **Complex Order of Operations Worksheet  
Instructions:**

* Solve these problems step by step using the correct order of operations (PEMDAS/BODMAS).
* Be careful with nested parentheses and multiple operations.

#### **Section 1: Simplify**

1. 8+(3×[2+(6÷2)]) = \_\_\_\_\_\_\_\_\_\_
2. ((12÷3)+4)×(6−2) = \_\_\_\_\_\_\_\_\_\_
3. [(52−20)+4]÷2 = \_\_\_\_\_\_\_\_\_\_
4. 10−[(6÷3)2+(8×2)] = \_\_\_\_\_\_\_\_\_\_

#### **Section 2: Advanced Practice**

1. (23+4)×[(9÷3)−2] = \_\_\_\_\_\_\_\_\_\_
2. [100÷(25−20)]+[(42−6)×3]
3. [100÷(25−20)]+[(42−6)×3] = \_\_\_\_\_\_\_\_\_\_
4. 10÷[(8−6)2+(5×2)]−1 = \_\_\_\_\_\_\_\_\_\_

#### **Section 3: Mixed Expressions**

* Create your own expressions with nested brackets and test your knowledge.