## **Algebra Expressions Practice Worksheet**

**GED Math Prep – Partner Activity**

**Name:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
 **Date:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### **🔹 Part 1: Name the Parts**

For each expression, underline or label the:

* **Variable** (letter)
* **Constant** (number without a letter)
* **Coefficient** (number in front of a letter)
1. 4x + 7
2. 9y – 2
3. 5a + 3b + 12
4. 2x – 6 + x

### **🔹 Part 2: Combine Like Terms**

Simplify each expression by combining like terms.

1. 3x + 4x = \_\_\_\_\_\_\_\_\_\_
2. 7y – 2y + 6 = \_\_\_\_\_\_\_\_\_\_
3. 5a + 2 + 3a + 4 = \_\_\_\_\_\_\_\_\_\_
4. 6b – 2 + b + 3 = \_\_\_\_\_\_\_\_\_\_

### **🔹 Part 3: Write Expressions from Words**

Write an algebra expression for each sentence. Use x for “a number.”

1. Five more than twice a number
2. A number decreased by 7
3. Ten times a number plus 8
4. The sum of a number and 15

### **🔹 Part 4: Real-Life Math**

Write an expression for each situation.

1. You earn $12 for each hour you work.
 👉 Total earnings after **x** hours: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. You have $50. You spend $5 on lunch each day.
 👉 Money left after **d** days: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Each movie ticket costs $9. You also buy a $4 drink.
 👉 Total cost for **t** tickets: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_