## **Answer Key – Algebra Expressions Practice Worksheet**

### **Part 1: Name the Parts**

1. **4x + 7**
   * Variable: x
   * Constant: 7
   * Coefficient: 4
2. **9y – 2**
   * Variable: y
   * Constant: –2
   * Coefficient: 9
3. **5a + 3b + 12**
   * Variables: a, b
   * Constant: 12
   * Coefficients: 5 (for a), 3 (for b)
4. **2x – 6 + x**
   * Variable: x
   * Constant: –6
   * Coefficients: 2, 1 (for x)

### **Part 2: Combine Like Terms**

1. 3x + 4x = **7x**
2. 7y – 2y + 6 = **5y + 6**
3. 5a + 2 + 3a + 4 = **8a + 6**
4. 6b – 2 + b + 3 = **7b + 1**

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

1. **2x + 5**
2. **x – 7**
3. **10x + 8**
4. **x + 15**

### **Part 4: Real-Life Math**

1. **12x**
2. **50 – 5d**
3. **9t + 4**