

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

**Blizzard Bag #2**  
**Linear Equations**

**Solving Linear Equations:**

**Solve each equation. Check your solution.**

1.  $6 - b = 5b + 30$

2.  $5y - 2y = 3y + 2$

3.  $5x + 2 = 2x - 10$

4.  $4n - 8 = 3n + 2$

5.  $1.2x + 4.3 = 2.1 - x$

6.  $4.6m + 8.2 = 8.8m - 2.3$

7.  $\frac{1}{2}b + 4 = \frac{1}{8}b + 88$

8.  $\frac{3}{4}k - 5 = \frac{1}{4}k - 1$

9.  $8 - 5p = 4p - 1$

**Systems of Linear Equations:**

**Determine the best method to solve each system of equations. Then solve the system.**

1.  $5x + 3y = 16$

2.  $3x - 5y = 7$

$3x - 5y = -4$

$2x + 5y = 13$

3.  $y + 3x = 24$

$5x - y = 8$

4.  $-11x - 10y = 17$

$5x - 7y = 50$