

Name: \_\_\_\_\_ Hour: \_\_\_\_\_ Date: \_\_\_\_\_

## Multi-Step Equations Combining Like Terms

**Directions:** Solve each equation for the value of the variable. Show ALL your work. You may use a calculator on this assignment.

1)  $4j + 2j + 7 = 67$

2)  $3n + 11 + n = -33$

3)  $4h + 2h + 7 = -41$

4)  $5e + 30 - 6e = 10$

5)  $10t + 4 + 2t = 52$

6)  $2s + 8s - 35 = 15$

7)  $7q + 7 - 2q = 107$

8)  $-3t + 14 + 5t = -6$

9)  $5d + d - 14 = 22$

10)  $9w - 6 + 5w - 4 = 18$

11)  $7g - 2g - 9 = 31$

12)  $-6y - 2 + 8y + 6 = -32$

Name: \_\_\_\_\_ Hour: \_\_\_\_\_ Date: \_\_\_\_\_

## Multi-Step Equations Combining Like Terms #2

**Directions:** Solve each equation for the value of the variable. Show ALL your work. You may use a calculator on this assignment.

1)  $10v - 4v + 34 = 100$

2)  $12 + 5u + u = 30$

3)  $3m + m - 19 - 37 = 0$

4)  $24 + 3c - 4c = 18$

5)  $f + 2f + 18 - 21 = 39$

6)  $-12x + 18x - 18 = 24$

7)  $68 + (-9p) + 7p = 144$

8)  $5z - 11 + 3z = 117$

9)  $11u + 56 - 10u = -144$

10)  $6b - 181 + b = 211$

11)  $-15k - 155 + 10k = 45$

12)  $-12n + 123 + 6n = 393$