

Name: _____

No work No credit

Date: _____

CW # 1-1: Algebra 1 - Section 2.3 and 2.4: Solve Multi-Step Equations

40 points

Solve each equation. Check your solution.

Complete 4

5. $5x + 3 = 23$

8. $6 + 5c = -29$

(5 points each)

10. $3(6 + 5y) = 2(-5 + 4y)$

11. $\frac{n}{3} - 8 = -2$

18. $\frac{1}{3}(n + 1) = \frac{1}{6}(3n - 5)$

21. $\frac{c - 5}{4} = 3$

Write an equation and solve each problem.

Complete both

23. Twice a number plus four equals 6. What is the number?

(4 points each)

24. Sixteen is seven plus three times a number. Find the number.

Solve each equation. Check your solution.

Complete 2

(4 points each)

1. $5x - 3 = 13 - 3x$

2. $-4r - 11 = 4r + 21$

7. $3(-2 - 3x) = -9x - 4$

Write an equation and solve each problem.

Complete 1

(6 points)

23. **NUMBERS** Two thirds of a number reduced by 11 is equal to 4 more than the number. Find the number.