

Algebra 0507
Chapter 3
Intro to WS #10

Name_____

Solve. Show all work. Hint: Get variables on one side of = sign and #'s on other.

1. $5x = 2x + 12$

2. $4y + 12 = 7y$

3. $7x + 4 = 9x + 24 - 2x$

4. $4a + 1 = 7a - 17$

5. $y - 7 = 3\frac{1}{2} + 2y$

6. $0.7a + 0.3a = 2a - 4$

7. $4(x+2) = 3x$

8. $-4(x+2) = -6x+2$

9. $2x+3(x-9) = 2(x+3)$

10. $2(2n+1) - 3(n-5) = 0$

11. $36 - 2(c-28) = -4(2c+52)$

12. $6 - (8-3n) = 2(2n+1)$