

Name: _____ Per A B C D E F Date _____

M3-T1-L3 HW: Multi-Step Equations with Variables on Both Sides

1-9: Solve each multi-step equation. SHOW ALL YOUR WORK.

1. $8x - 2 = -9 + 7x$

2. $a + 5 = -5a + 5$

3. $5p - 14 = 8p + 4$

4. $p - 1 = 5p + 3p - 8$

5. $\frac{x}{3} - 2 = 4$

6. $\frac{8}{7}x + 1 = -80$

7. $-18 - 6k = 6(1 + 3k)$

8. $5n + 34 = -2(1 - 7n)$

9. $-3(4x + 3) + 4(6x + 1) = 43$