

Solving Multi Step Equations – Day 2

Unit 2: Equations and Inequalities

Solve each equation:

1. $n + 3 + n = -9$	2. $-20 = 2n - 7n$
3. $-7x = 6x + 3x$	4. $x - 6 = -2 - 3x$
5. $217 = -7(-5n + 4)$	6. $85 = 5(2n + 1)$
7. $164 = -4(-1 + 8r)$	8. $137 = 7(-3v - 1) - 3v$
9. $a + 7(2a - 7) = -36 + 2a$	10. $-8x - 4 = 7(x + 8)$

$$11. 2v - 12 = 3(v - 5)$$

$$12. -40 - 8v = 7(2 - 5v)$$

$$13. 5(r - 6) + 5(r - 4) = -40$$

$$14. -4(8m - 2) + 8(8 + 4m) = -6$$

$$15. 7(x - 2) - 2(1 + 5x) = -7$$

$$16. 8(-4 + 2a) + 8(a - 2) = 0$$

$$17. 5(m + 3) = 8(-2m - 6)$$

$$18. 2(1 - 2x) = -2(x + 8)$$

$$19. -8(x - 1) = 8(x - 5)$$

$$20. -4(a + 7) = -6a + 2(5a - 6)$$