

25- Solving Equations with 1, infinite, and No Solutions

Score _____ Per _____

Solve each equation. Show ALL work.

1. $-20 = -4x - 6x$

2. $6 = 1 - 2n + 5$

3. $8x - 2 = -9 + 7x$

4. $a + 5 = -5a + 5$

5. $4m - 4 = 4m$

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

7. $5p - 14 = 8p + 4$

8. $p - 4 = -9 + p$

9. $-8 = -(x + 4)$

10. $12 = -4(-6x - 3)$

$$11. 14 = -(p - 8)$$

$$12. -(7 - 4x) = 9$$

$$13. -18 - 6k = 6(1 + 3k)$$

$$14. 5n + 34 = -2(1 - 7n)$$

$$15. 2(4x - 3) - 8 = 4 + 2x$$

$$16. 3n - 5 = -8(6 + 5n)$$

$$17. -(1 + 7x) - 6(-7 - x) = 36$$

$$18. -3(4x + 3) + 4(6x + 1) = 43$$

$$19. 24a - 22 = -4(1 - 6a)$$

$$20. -5(1 - 5x) + 5(-8x - 2) = -4x - 8x$$