

3-4 Solving for a Variable with No solution, Infinite Solutions, or 1 solution

Name _____

Show your work on the problems below.

1. $4n + 4 = 4(n + 1)$

2. $3n - 1 = 3n + 5$

3. $5n + 1 = n + 3 + 4n$

4. $2n - 10 = 2(n - 5)$

5. $2n + 6 = 6$

6. $7n = n + 8 - 2 + 6n$

7. $10n - 6 = 5(2n + 1)$

8. $5n - 2 = 3n$

9. $n - 4 = n + 18$

10. $4n + 2 = 3n + 11$

11. $3n - 6 = 2(n + 1) + n - 8$

12. $5n + 5 = 2n + 3n + 1$