

## Solving for a Variable Review

Name: \_\_\_\_\_

Time Start: \_\_\_\_\_ Finish: \_\_\_\_\_

Total Time = \_\_\_\_\_

Show all your work on a separate piece of paper and don't skip steps. Put your final answer in the blank.

\_\_\_\_\_ 1.  $3n + 2 = 2n + 8$

\_\_\_\_\_ 2.  $4n - 6 = 2n + 4$

\_\_\_\_\_ 3.  $5n - 1 = 2n + 11$

\_\_\_\_\_ 4.  $5n - 4 = 2n + 2$

\_\_\_\_\_ 5.  $9n - 4 = 10n - 14$

\_\_\_\_\_ 6.  $5n + 2n + 1 = 2n + 9 + 2$

\_\_\_\_\_ 7.  $7n - 1 + 2n = 3n + 2n + 11$

\_\_\_\_\_ 8.  $n + 3 + n + 1 = n + 4 + 9$

\_\_\_\_\_ 9.  $2(3n + 3) = 3(n + 3)$

\_\_\_\_\_ 10.  $5(2n - 3) = 4n + 15$

\_\_\_\_\_ 11.  $2n + 2n + 2n = 3 + 4 + 11$

\_\_\_\_\_ 12.  $8n - 4 - 2 - 2n = 2n + 2n + 10$

\_\_\_\_\_ 13.  $2(3n - 1) = 4(2n + 2)$

\_\_\_\_\_ 14.  $7(5n - 1) = 3n + 2n + 1 + 22$

\_\_\_\_\_ 15.  $2n + 2n + 1 + n = 3(2n + 10)$