

# Geometry 0-1 Solving Multiple Step Equations

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

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

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

Solve for the variable. Put the number answer in the blank to the left of the question.

\_\_\_\_\_ 1.  $2x + 4x = 24$

\_\_\_\_\_ 2.  $3(2x - 1) = 15$

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

\_\_\_\_\_ 4.  $-10 - 2a = 4(2a - 20)$

\_\_\_\_\_ 5.  $2(3b - 4) = 4(b - 3)$

\_\_\_\_\_ 6.  $3 - (b - 2) = 2(b - 5)$

\_\_\_\_\_ 7.  $8n - 2(2n - 3) = 2n - 10$

\_\_\_\_\_ 8.  $6n - (n - 14) = 2 - (2n - 5)$

\_\_\_\_\_ 9.  $-4n - 2n - (n - 4) = n - 4$

\_\_\_\_\_ 10.  $-3(-2n - 1) = -2n - 13$

\_\_\_\_\_ 11.  $\frac{p}{2} = 10$

\_\_\_\_\_ 12.  $\frac{n}{3} + 6 = 12$

\_\_\_\_\_ 13.  $\frac{a+5}{3} = 10$

\_\_\_\_\_ 14.  $\frac{c-1}{3} + 5 = 8$

\_\_\_\_\_ 15.  $\frac{-2n-5}{2} = -10$

\_\_\_\_\_ 16.  $\frac{y-2}{3} = \frac{y+1}{2}$

\_\_\_\_\_ 17.  $\frac{2n-5}{6} = \frac{n+3}{2}$

\_\_\_\_\_ 18.  $\frac{n-2}{3} = n-10$