

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

Period: \_\_\_\_\_

### Math 7: Equations Day 5 - Two-Step Equations

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**Directions:** Solve each equation using inverse operations. Show all your work and check your answers.

1.  $4t + 13 = 5$

2.  $6.3 = 2x - 4.5$

3.  $12 = -r - 11$

4.  $-5y + 6 = -9$

5.  $-1 = \frac{b}{4} - 7$

6.  $\frac{5}{8} = 2m + \frac{3}{8}$

7.  $-4x + 7 = 11$

8.  $17 = 5y - 3$

9.  $-4 = 2p + 10$

10.  $3m + 4 = 1$

11.  $12.5 = 2g - 3.5$

12.  $-13 = -h - 7$

13.  $-6 = \frac{y}{5} + 4$

14.  $\frac{7}{9} = 2n + \frac{1}{9}$

15.  $-\frac{4}{5}t + \frac{2}{5} = \frac{2}{3}$

**Answer Bank:**

-7   24   -2   -1    $\frac{1}{3}$     $\frac{1}{8}$    -1   3   6   -50   -23   4   8   5.4    $-\frac{1}{3}$