

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

Date: \_\_\_\_\_ Score: \_\_\_\_\_

## Solving Equations with Variables on Both sides

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Solve each equation.

1  $-4q - 3 = -9 + 7q$

2  $-p - 4p = -5p - 4$

3  $-4x - 14 = 7(-2 - 4x) + 4x$

4  $18 - 4n = -8 + 4(n - 2)$

5  $-6y + 7(1 - y) = -4(y - 4)$

6  $4(a - 6) = -5a - (7 + 4a)$

7  $4r + 8 + 4 = -16 - 4r$

8  $3v + 3 = 4v + 4$

9  $6l + 2 + l - 3 = 8l - 8$

10  $40 - t = 4(-3 - 6t) + 6$