

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Per: \_\_\_\_\_

## Solving Equations with Variables on Both Sides

### 3.4 Practice 2

Solve each equation. Then check your solution.

1.  $6 - b = 5b + 30$

2.  $5y - 2y = 3y + 2$

3.  $5x + 2 = 2x - 10$

4.  $4n - 8 = 3n + 2$

5.  $1.2x + 4.3 = 2.1$

6.  $\frac{1}{2}b + 4 = \frac{1}{8}b + 88$

7.  $4.4s + 6.2 = 8.8s - 1.8$

8.  $\frac{3}{4}k - 5 = \frac{1}{4}k - 1$

9.  $8 - 5p = 4p - 1$

10.  $4b - 8 = 10 - 2b$

11.  $0.2x - 8 = -2 - x$

12.  $-4 - 3x = 7x - 6$

### 3.4 Practice 1

13.  $3y - 1.8 = 3y - 1.8$

14.  $8 + 4k = -10 + k$

15.  $20 - a = 10a - 2$

16.  $\frac{2}{3}n + 8 = \frac{1}{2}n + 2$

17.  $\frac{2}{5}y - 8 = 9 - \frac{3}{5}y$

18.  $-4r + 5 = 5 - 4r$

19.  $12 + 2y = 10y - 12$

20.  $18 - 4k = -10 - 4k$

21.  $-4 - 3x = 6x - 6$