

**Practice****Variables on Both Sides**

Solve each equation. Check your solution.

1.  $9r = 3r + 6$

2.  $5s - 6 = 2s$

3.  $7p - 12 = 3p$

4.  $11w = -16 + 7w$

5.  $-3b + 9 = 9 - 3b$

6.  $8 + 2m = -2m - 16$

7.  $12x + 5 = 11 + 12x$

8.  $-6g + 14 = -12 - 8g$

9.  $-15 + 7t = 30 - 2t$

10.  $5a + 4 = -2a - 10$

11.  $1.4h - 3 = 2 + h$

12.  $5.3 + d = -2d + 4.7$

13.  $3.6z + 6 = -2 + 2z$

14.  $4f - 3.7 = 3f - 1.8$

15.  $\frac{3}{5}n - 10 = \frac{2}{5}n$

16.  $\frac{5}{8}j = 8 + \frac{3}{8}j$

17.  $\frac{2}{3}q - 2 = \frac{1}{3}q + 7$

18.  $-\frac{1}{4}p + 4 = \frac{3}{4}p + 8$