

## Variables on Both Sides

**Solve each equation.**

1)  $11 + x + 5x = 1 + 8x$

2)  $-2x - 16 = x + 2$

3)  $-4m - 4 - 8m = 8 - 6m$

4)  $8n + 2n = 10 + 5n + 7n$

5)  $2 + 2b = b - 3$

6)  $10a - 3(5a - 6) = -42 + 5a$

7)  $-6(-10 + 7x) = -45 - 7x$

8)  $10n - 30 = 10(2n + 1)$

9)  $3(1 - x) = -11 + 4x$

10)  $32 - 5k = -2(k - 1)$