

Solving Multi-Step Equations with Variable on Both Sides

Solve the equation.

1) $3x + 7 = 5x - 1$

2) $6x - 2 - 4x = 2x + 7 - x$

3) $36 = k + 44$

4) $3 + 4y = 8y - 4$

5) $8 - (2y - 3) = 4y$

6) $2x - 8 = 4x - 8$

7) $2x + 8 = 4x - 8$

8) $\frac{1}{3}(x + 6) = \frac{4}{3}x - \frac{1}{3}$

9) $x + 2(2x + 2) = x + 16$