

Solving Linear Equations

Solve each equation.

1) $9 = 3(5x - 2)$

2) $6x - (3x + 8) = 16$

3) $7(5x - 2) = 6(6x - 1)$

4) $13 - (2x + 2) = 2(x + 2) + 3x$

5) $5 + 4x - 7 = 4x - 2 - x$

6) $24 = 6(-x - 3) - 12$

7) $-3(1 + 6x) = 14 - x$

8) $-4k + 2(5k - 6) = -3k - 39$

9) $-18 - 6x = 6(1 + 3x)$

10) $-2(5x - 4) + 9x = 13 - 4x$

11) $4 - x + (3x + 1) = 11(x - 2) - x$

12) $9(x + 2) - (-5x + 1) = x - 11 + 7x$

13) $-(5 - x) + 2x = 7(x + 1)$

14) $x - 10(2 - x) = 9(x - 3) - 9x + 1$

15) $17(x - 1) - 5x = -7 - (x + 2)$