

1.2 Multi-Step Equations (Types of solutions)

Solve each equation.

1) $-5 + n + 5 - 5n = -8n + 4n$

2) $-5 + 4x = x - 8 + 3x$

3) $-7 - x = -8x$

4) $1 - 2r = -4r + 13$

5) $-6(k - 1) = -6k + 6$

6) $-7(2 + 2x) = 14 - 7x$

$$7) 5(-8n - 3) = 2n + 27$$

$$8) -5(-n + 7) + 3n = -31 + 8n$$

$$9) -6 + 15b = -3b + 6(-1 + 3b)$$

$$10) 3(7n + 6) = -4(8 + n)$$

$$11) -6 - 2(1 - 7x) = -4 - 5(-3x - 1)$$

$$12) -5(x + 4) + 6 = -5(x - 1)$$