

1.2 Multi-Step Equations

Solve each equation.

1) $3r - 6 = -4 + 5r$

2) $-7r + 8r - 2 = 8r + 5 - 8r$

3) $3x - 1 = 6 + 2x$

4) $1 + 6p = 13 + 2p$

5) $-23 - 2n = -1 + 3(n + 6)$

6) $8 - 7x = -(x + 4)$

$$7) -7 + 3m = 8(-m + 6)$$

$$8) 6(-x + 2) + 3x = 14 - x$$

$$9) -4(x - 6) - 2(5 - x) = -8x + 4x$$

$$10) 8(x + 1) = -4(x - 2)$$

$$11) 5(2r + 4) + 8 = 8(r + 5)$$

$$12) 7(-1 + 6x) = -7(-5x + 8)$$