

Solving Equations with Variables on Both Sides

Solve each equation.

1) $40 + 4x = -6(2 - 5x)$

2) $7r + 6 = 3(-8 - r)$

3) $5(-1 - 7p) = -5 + 6p$

4) $-30 + 4x = 7x + 8(3x + 3)$

$$5) 16 - 6n = 4(2 - n)$$

$$6) -5 - n = 6(5 - 6n)$$

$$7) 8(k + 4) = -16 + 2k$$

$$8) 3 - 7x = -4(x - 3)$$

$$9) 3(2 + 6n) = 5n + 32$$

$$10) -8x - 23 = 3(4 - 5x)$$