

Solving Review

Solve each equation.

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

2) $2r - 2r = -6(r + 4) - 8(r - 3)$

3) $-4x - (1 - 2x) = -6x + 4(x - 6)$

4) $2(-4n - 6) + n = 2(-8 - 4n)$

5) $3(v + 2) = -4(v - 5)$

6) $-8(6 + 3n) = -8(1 - 2n)$

7) $-2(x + 5) = -8(x - 4)$

8) $-4(2p - 7) = 3p + 5(p - 4)$

$$9) -5(3n - 4) = -5(n + 4)$$

$$10) 13 + 6x = -6(1 - x)$$

Solve each equation by taking square roots.

$$11) 10x^2 + 5 = 1005$$

$$12) 4n^2 - 6 = -2$$

$$13) 9r^2 + 6 = 447$$

$$14) 8v^2 - 6 = 626$$

$$15) 10x^2 + 5 = 315$$

$$16) 5r^2 + 6 = 366$$