

WS 1.2 Solving Multi-Step Equations

Solve each equation.

1) $3x - 3 + 6 = 12$

2) $-8(8 - 3a) = -184$

3) $4x - 5(4x - 6) = 142$

4) $-(7x - 6) = -x + 18$

5) $-8(1 - n) = 6(n + 4)$

6) $6(x + 7) = -2(7x - 1)$

Write and solve an equation to represent each situation.

7) The sum of twice a number and 4 is 10.

8) Six times the sum of a number and 15 is -42.