

Solving Multi-Step Equations

Distributive With Parentheses - Negative Coefficients

Name: _____ Date: _____



Solve the equations.

(1) $39 = 2x - 5(-3x + 16)$

(2) $198 = -4x + 2(-6x + 3)$

(3) $6x - 2(-3x - 5) = 154$

(4) $180 = 7x - 3(-6x + 15)$

(5) $-4x + 3(-3x - 2) = 59$

(6) $-3 = 3x + 6(-x + 3)$

(7) $7x + 2(5x - 16) = 70$

(8) $-6x - 4(-7x - 13) = -58$

(9) $14 = -3x - 2(-3x + 11)$

(10) $7x - 2(3x + 16) = -23$