

Solving Multi-Step Equations

Distributive With Parentheses - Negative Coefficients

Name: _____ Date: _____



Solve the equations.

(1) $-2x - 2(-4x + 7) = -80$

(2) $32 = 4x + 5(-2x - 8)$

(3) $102 = 6x + 6(-3x + 7)$

(4) $-2x - 2(-6x + 18) = -126$

(5) $-90 = 3x - 2(6x + 9)$

(6) $153 = -3x + 6(3x + 3)$

(7) $-2x - 7(x + 8) = 34$

(8) $3x + 6(-x - 4) = -42$

(9) $3x + 4(-x + 18) = 79$

(10) $5x + 2(-3x - 18) = -48$