

# Solving Multi-Step Equations

Variables on Both Sides - No Negative Coefficients

Name: \_\_\_\_\_ Date: \_\_\_\_\_



Solve the equations.

(1)  $7x - 26 = 11 + 6x$

(2)  $-16 - 5x = -6x + 21$

(3)  $-x - 76 = -6x + 24$

(4)  $-36 - 13x = 12 - 15x$

(5)  $-5x - 120 = -13x + 144$

(6)  $-76 - 7x = -12x + 84$

(7)  $5x - 113 = 139 - 7x$

(8)  $8x - 97 = 188 - 7x$

(9)  $-95 - 5x = 95 - 15x$

(10)  $9x - 269 = 71 - 11x$

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Solve the equations.

(1)  $-8x - 66 = -12x + 38$

(2)  $-60 + 3x = 136 - 4x$

(3)  $2x - 61 = -x + 41$

(4)  $-118 + 9x = -x + 92$

(5)  $-41 + 6x = 17 + 4x$

(6)  $-5x - 8 = 21 - 6x$

(7)  $-63 - 11x = -15x + 41$

(8)  $-60 + 6x = 84 + 2x$

(9)  $4x - 144 = 122 - 10x$

(10)  $-106 - 2x = 34 - 7x$