

# Partner Power: Multi-Step Inequalities

Partner #1 Name: \_\_\_\_\_

Solve each inequality, show all work in the space provided, and circle your answer. Then check your answers with those of your partner. If you have each solved the problems correctly, your answers should match (including the inequality symbol). If they do not, work with your partner to find and correct the error.

#1 $38 > 2(x+8)$	#2 $-3(2x-1) \leq x-18$
#3 $-(4x-5)+16x \geq -31$	#4 $3(-5-x)+x < -10-x$
#5 $-7x-11x > 26-x+9x$	#6 $25-2x \leq 5(2-x)$
#7 $x-32 \geq 32+9x$	#8 $-3x+51 > 13+7x-22$

Objective: Students will solve multi-step inequalities.

# Partner Power: Multi-Step Inequalities

**Partner #2 Name:** \_\_\_\_\_

Solve each inequality, show all work in the space provided, and circle your answer. Then check your answers with those of your partner. If you have each solved the problems correctly, your answers should match (including the inequality symbol). If they do not, work with your partner to find and correct the error.

#1 $35 > -5(4 - x)$	#2 $-(x - 26) \leq x - 4(1 - 2x)$
#3 $-(4x - 15) \geq -9(3 + 2x)$	#4 $21 + x > 2(-2 - 5x) + 6x$
#5 $7(x + 1) - 7x < 1 - 6x$	#6 $-2(x - 20) \leq 10 - 10(1 + x)$
#7 $-2(9 + 4x) \geq -x + 6 - 4x$	#8 $9x - 1 + 11x < 7(11 + x)$

Objective: Students will solve multi-step inequalities.

Activities by Jill