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Multi step inequalities worksheet kuta

Solving multi step inequalities worksheet kuta. Solving multi step inequalities worksheet answers kuta software.

Overcome barriers in practice with our printable multi step inequalities worksheets. Follow a step-by-step procedure of clearing parentheses, collecting like terms, isolating the variable, and changing the direction of the inequality when multiplied or divided by a negative number and your grade 7, grade 8, and high school students will be good to go! Solve multi-step inequalities with whole numbers, integers, and solve multi-step inequalities with expressions on either side. Students also graph the solutions of the multi-step inequalities in these pdfs. Warm up with our free multi-step inequalities worksheets, and come back for more! Circling the Correct Solutions Key in to finding solution to multi-variable by itself through a series of steps and solving for it remains the primary task. Finding Solutions and Graphing Multi-Step Inequalities Get cracking on your journey of solving and graphing multi-step inequalities involving decimals. High school students figure out if the inequality is inclusive or strict, figure out the solutions, and plot them on the number line. Our free, printable multi-step inequalities worksheets guide your progress toward solving inequalities that involve a few added steps.

Kuta Software - Infinite Algebra 1
Graphing Inequalities
Enter a graph for each inequality.

1) $x < 4$	2) $x > 0$
3) $x < 0$	4) $x < 1$
5) $x > 2$	6) $x > 5$
7) $x < 1$	8) $x > 4$
9) $x < 2$	10) $x > 3$
11) $x < 0$	12) $x > 0$
13) $x < 1$	14) $x > 2$
15) $x < 2$	16) $x > 0$
17) $x < 3$	18) $x > 0$
19) $x < 4$	20) $x > 0$

Write an inequality for each graph.

21)	26)
22)	27)
23)	28)

Isolate the variable using the inverse operations, remembering to change the direction of the inequality symbol while multiplying or dividing with the negative sign. Cruise through exercises with multi-step inequalities in graphs, interval notation, and more. These pdf worksheets on solving multi-step inequalities are best suited for grade 7 and grade 8 kids.

Kuta Software
Multi-Step Equations and Inequalities
Solve each equation or inequality.

1) $3x + 12 = 18$	2) $4x + 15 = 39$
3) $5x - 10 = 20$	4) $6x + 18 = 42$
5) $7x - 21 = 14$	6) $8x + 24 = 56$
8) $9x - 36 = 18$	9) $10x + 30 = 70$

Solve each inequality and graph the solution.

10) $2x + 8 < 14$	15) $3x - 1 > 5$
11) $4x - 12 > 20$	16) $5x + 7 < 22$