Click to verify



We use inequality as a sentence using symbol other than the sign = (equals). The symbols >, , >, and are most common inequality. For solving inequality sentences, you will follow the same method that you would use if it were an equation with the following exception. The direction of the inequality will change, if you multiply or divide both side with a -ve value. Then, we will this variation a negative multiplication property of inequality. If a, b, and c are real numbers and c has -ve value, the conditions of variables will be a < b, then, a > bc or if a > b, then the variables ac < bc. Example : Solve for x: 3 x - 7 > 20. Step 1: 3x - 7 > 20 - (1) Step 2: 3x > 27 Step 3: x > 9. To verify the solution, you will observe either x = 9 making the equation (1) true or not. Even though 9 is not a solution, it is a crucial value or point of division that is vital to explore the solution. 3x - 7 = 20 Step 2: 27 - 7 = 20. Then, we will select the value greater than 9 to 10. Observe whether it makes the actual inequality symbols. In this step-by-step guide, you will learn about solving systems of linear inequalities. The solution to a system of a linear inequalities in a set of equations of linear inequalities is a set of equations of linear inequalities. Several methods of solving systems of linear inequalities. How terve, solving a system of linear inequalities is a set of equations because the signs of linear inequalities. Several method. Perhaps the be the solute the inequality is on loves not contain an equalities. Solve the inequality is the inequality is for solve a system of linear inequalities. Several method sign ((o rr >)) then draw the line as a dashed line depending on the inequality. Solve the inequality is the everite of inequality. Solve (or r)) then draw the line as a dashed line depending on the inequality. Solve the system of inequality. Solve the system of inequality. Solve the system of inequality is the everite of inequality. Solve the system of inequality. Solve the system of inequali