



I'm not robot



**I am not robot!**

Graph the inequalities and on a number line. Write down the inequality shown on the number line. Step 2) Draw line from each of the circles in the right direction Below are the steps involved in graphing inequalities on a number line. Step 1) Identify the values on the number line. The size of the PDF file is bytes. In this case, it is Step Construct a number line and draw a circle around that an inequality. Step Determine the number on the other side of Chapter Expressions, Equations, and Inequalities GRAPHING AN INEQUALITY Graph the inequality on a number line  $x \leq -3$  or  $x \geq -1$  Show this inequality on the number line. Preview images of the first and second (if there is one) ©K B2Q0J1eqKAu7tlaS 8S fo 5ft Tw6alrpeoLCLIC j. Below are the steps involved in graphing inequalities on a number line. (2) Represent the inequality  $x > 0$  on this number line. An inequality can have more than one solution. Step Determine the number on the other side of the inequality. In this case, it is Determine the number on the other side of the inequality. The value  $\frac{1}{2}$  needs to be a closed circle as the symbol is  $\leq$ . A number  $q$  plus is less than or equal to  $-q + \leq$  - An inequality is  $q + \leq$  - Try It Write the word sentence as an inequality A number  $x$  is at least - Twice a number  $y$  is more than - A solution of an inequality is a value that makes the inequality true. b N DAFllFrDiogOhat 3sm srre Ls5eSrPvOeudQo EM ha ad7e k qw Ji rt Vhz nIbndfSi hnWi6t LeW yAxITg8enbfr sa Worksheet by Kuta Software LLC On the number line, show the inequality  $x \leq -2$  or  $x \geq 0$  On the number line, show the inequality  $x > 0$  or  $x \leq -6$  - 6 - 4 - 6 - 4 Twice a number  $p$  is fewer than A number  $w$  minus is less than or equal to A number  $z$  divided by is at least A solution of an inequality is a value that makes the inequality true. Use the buttons below to print, open, or download the PDF version of the Graph Basic Inequalities on Number Lines (A) math worksheet. Practice Directions: For problems, graph each inequality on the given number line Directions: For problems, solve each inequality and then graph its solution on the given number line Students can use math worksheets to master a math skill through practice, in a study group or for peer tutoring. (1) Represent the inequality  $x \leq 0$  on this number line Write down the inequality shown on the number line. The set of all solutions of an inequality is called the solution set Graph the inequalities and on a number line. An concept Inequalities on a Number Line This is a Khan Academy video on graphing inequalities on a number line. (2) (b) Solve the inequality  $7y(2)$  Graph the inequality on a number line  $ap \geq -3$  Write and graph an inequality for the situation A cruise ship can carry at most 1. Match each inequality to the correct description. C1 C2 C3 On the number line, show the inequality  $x \geq 9$  (a) On the number line, show the inequality  $x + \leq -3x$  (Total INEQUALITIES NUMBER LINES Ref: GF1 © Worksheets, Videos, Interactive Quizzes and Exam Solutions A1 A2 A3 Write down In effect these inequalities are showing what values of  $x$  are not allowed. The value  $\frac{1}{2}$  needs to be a closed circle as the symbol is  $\geq$ .