

Download Graphing Compound Inequalities On A Number Line

For instance, look at the top number line $x = 3$. We just put a little dot where the '3' is, right? Now an inequality uses a greater than, less than symbol, and all that we have to do to graph an inequality is find the the number, '3' in this case and color in everything above or below it. At a Glance - Graphing Inequalities on a Number Line. The inequality $y < 2$ means that y can be any number less than 2, or it can be equal to 2 itself (2, 1.9, 1, 0, -6, etc.). Last but not least, the inequality $y > 7$ means that y can be any number greater than 7, or it can be equal to 7 (7, 7.001, 8, 9, 200, etc.). Graphing Inequalities On A Number Line. Showing top 8 worksheets in the category - Graphing Inequalities On A Number Line. Some of the worksheets displayed are Graphing inequalities date period, Graphing linear, Graphing inequalities, Concept 11 writing graphing inequalities, Inequalities on the number line, Homework practice work, Name, 7 write and graph inequalities. The graph of a compound inequality with an "or" represents the union of the graphs of the inequalities. A number is a solution to the compound inequality if the number is a solution to at least one of the inequalities. It is written as $x < -1$ or $x > 2$. Solve and graph the linear inequality. $-10 < 2 + x < -1$. - Graphing Compound Inequalities On A Number Line