

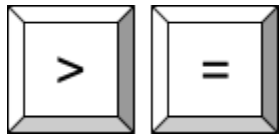
Linear Inequalities

1. Using the [Desmos® Graphing Calculator](#), type in your linear inequality.
2. Notice that the line will automatically graph as a solid or dashed line, and the shading will appear automatically as well.
3. To type an “is greater than or equal to” (\geq) symbol or a “less than or equal to” (\leq) symbol, use these keystrokes:

Symbol

Keystrokes

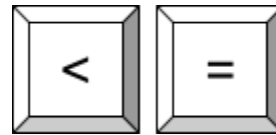
\geq



Symbol

Keystrokes

\leq



Systems of Linear Inequalities

1. Using the [Desmos Graphing Calculator](#), type in and check your system of inequalities from any of the problems from Lesson 15 Part B Practice 1 or Practice 2.
2. Notice that the region where the shading overlaps contains all possible solutions to the system of linear inequalities.