Systems of Linear Inequalities

Graphing Linear Inequalities	
The solution set to a two-variable	may be represented graphically on a

The solution set to a two-variable _____ may be represented graphically on a coordinate plane using a _____ and shading.

Types of Boundary Lines

Solid Line	Dashed Line
≤ or ≥	< or >
The points along the line are in the	The points along the line are
solution set.	in the solution set.

Steps to Graph Linear Inequalities

Step 1:

Step 2:

Practice: Complete the practice problem(s) in the space below. Be sure to check your work.

Writing a Two-Variable Linear Inequality from a Graph

Steps to Write a Two-Variable Inequality from a Graph

Step 1:

Step 2:

Step 3:

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Practice: Complete the practice problem(s) in the space below. Be sure to check your work.		
Writing Two-Variable Linear Inequalities from a Description		
Similar to one-variable inequalities, linear inequalities are written based on key		
words in the		
Practice: Complete the practice problem(s) in the space below. Be sure to check your work.		
Systems of Inequalities		
Steps to Graph a System of Linear Inequalities		
Otan 4.		
Step 1:		
Step 2:		
Practice: Complete the practice problem(s) in the space below. Be sure to check your work.		
Systems Containing Horizontal and Vertical Inequalities		
Practice: Complete the practice problem(s) in the space below. Be sure to check your work.		
ractice. Complete the practice problem(s) in the space below. Be sure to check your work.		
Please use additional paper as needed to complete the Self-Check. You may also choose to print the lesson's Sum It Up page.		

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