

Essential Learning Target:

Creating and Solving Linear Equations and Inequalities: I can create linear inequalities with two variables and use them to solve real world problems.

Common Core Standard:

CCSS.MATH.CONTENT.HSA.REI.D.12

Graph the solutions to a linear inequality in two variables as a half-plane (excluding the boundary in the case of a strict inequality), and graph the solution set to a system of linear inequalities in two variables as the intersection of the corresponding half-planes.

Level: Algebra 1

Score 4.0	In addition to Score 3.0, in-depth inferences and applications that go beyond what was taught. The student can create their own situation given an inequality.	Sample Tasks
	3.5 In addition to score 3.0 performance, in-depth inferences and applications with partial success.	
Score 3.0	<p>The student:</p> <ul style="list-style-type: none"> ● can create linear inequalities with two variables and use them to solve real world problems. ● can graph a linear inequality given in standard form. <p>The student exhibits no major errors or omissions.</p>	●
	2.5 No major errors or omissions regarding 2.0 content and partial knowledge of the 3.0 content	
Score 2.0	<p>There are no major errors or omissions regarding the simpler details and processes as the student:</p> <ul style="list-style-type: none"> ● recognizes or recalls specific terminology such as: <ul style="list-style-type: none"> ○ Slope, Rate of Change, $\Delta y/\Delta x$, ○ Y-Intercept & X-Intercept ○ Greater than, Less than, Equal to, Boundary Line and Point. ● performs basic processes, such as: <ul style="list-style-type: none"> ○ I can determine the slope and y-intercept from a situation, graph, or inequality/equation. ○ I can determine if a point is a solution to a linear inequality and explain my reasoning. ○ I can determine if a boundary line is dashed or solid and explain its meaning. <p>However, the student exhibits major errors or omissions regarding the more complex ideas and processes.</p>	●
	1.5 Partial knowledge of the 2.0 content but major errors or omissions regarding the 3.0 content	
Score 1.0	With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes.	
	0.5 With help, a partial understanding of the 2.0 content but not the 3.0 content	
Score 0.0	Even with help, no understanding or skill demonstrated.	