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| **LG #** | **A104** | **Standards:** | **A-REI.3.5, A-REI.3.6, A-REI.4.11, A-REI.4.12** |
| **4.0** | **In addition to Score 3.0, in-depth inferences and applications that go beyond instruction to the standard.**  **The student will be able to:**   * Prove the elimination (linear combination) method of solving systems of equations.   **No major errors or omissions regarding the score 4.0 content.** | | |
| **3.5** | In addition to 3.0, in-depth inferences and applications with partial success. | | |
| **3.0** | **Students will be able to solve systems of linear equations and inequalities, algebraically and graphically.**  **The student will be able to:**   * [Solve systems of equations in a real-world context exactly, focusing on pairs of linear equations in two variables.](http://www.cpalms.org/Public/PreviewResource/Preview/59145) ([A-REI.3.6](http://www.cpalms.org/Public/PreviewResource/Preview/57035)) * [Explain why the x-coordinates of the points of intersection in systems of equations are the solutions of the function, given a: (A-REI.4.11)](http://www.cpalms.org/Public/PreviewResource/Preview/59835)   + linear function   + polynomial function   + rational function   + absolute value function * [Find the solutions approximately.](http://www.cpalms.org/Public/PreviewResource/Preview/59838) For example, [using technology](http://www.cpalms.org/Public/PreviewResource/Preview/68597) to graph the functions, [make tables of values](http://www.cpalms.org/Public/PreviewResource/Preview/60538), or find successive approximations. (A-REI.4.11)   **No major errors or omissions regarding the score 3.0 content (simple or complex).** | | |
| **2.5** | No major errors or omissions regarding 2.0 content and partial knowledge of 3.0 content. | | |
| **2.0** | |  |  |  |  | | --- | --- | --- | --- | | **The student recognizes and describes specific terminology such as:**   |  |  |  | | --- | --- | --- | | * System of Equations * Systems of Inequalities * Half-plane * Point of Intersection | * Strict Inequality * Substitution * Elimination | * Solution to a System of Equations * Solution to a System of Inequalities |   **The student will be able to:**   * [Solve a system of equations using substitution. (A-REI.3.5)](http://www.cpalms.org/Public/PreviewResource/Preview/68556) * Solve a system of equations using elimination. (A-REI.3.5) * [Solve a system of equations with no solution or infinitely many solutions. (A-REI.3.5)](http://www.cpalms.org/Public/PreviewResource/Preview/68582) * Solve a system of equations graphically identifying:   + the approximate solution using the point of intersection (A-REI.3.6)   + the ordered pair solution. (A-REI.3.6) * [Graph the solutions to a linear inequality in two variables as a half- plane.](http://www.cpalms.org/Public/PreviewResource/Preview/59160) ([A-REI.4.12](http://www.cpalms.org/Public/PreviewResource/Preview/59159)) * [Graph the solution set to a system of linear inequalities in two variables as the intersection of the corresponding half- planes.](http://www.cpalms.org/Public/PreviewResource/Preview/60567) ([A-REI.4.12](http://www.cpalms.org/Public/PreviewResource/Preview/60557)) | | | |
| **1.5** | Partial knowledge of the score 2.0 content, but major errors or omissions regarding score 3.0 content. | | |
| **1.0** | With 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 some of the simpler details and processes and some of the more complex ideas and processes. | | |
| **0.0** | Even with help, no understanding or skill is demonstrated | | |