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| **LG #** | **L205** | **Standards:** | **A-REI.2.4, A-REI.3.7** |
| **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:**   * Solve systems in three variables and beyond. * Find solutions of systems of inequalities.   **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 quadratic equations in one variable and solve systems of linear and quadratic equations.**  **The student will be able to:**   * Solve a simple system consisting of a linear equation and a quadratic equation in two variables algebraically and graphically. (A-REI.3.7) * Use the method of completing the square to transform any quadratic equation in x into an equation of the form (x – p)² = q that has the same solutions. Derive the quadratic formula from this form. (A-REI.2.4a) * Solve quadratic equations by inspection (e.g., for x² = 49), taking square roots, completing the square, the quadratic formula and factoring, as appropriate to the initial form of the equation. (A-REI.2.4b)   **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 | * Solutions | * Elimination | | * Equivalent Systems | * Substitution |  |   **The student will be able to:**   * Solve quadratic equations in one variable. (A-REI.2.4) * Recognize when the quadratic formula gives complex solutions and write them as *a ± bi* for real numbers a and b. (A-REI.2.4b) | | |
| **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 | | |