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| **LG #** | **805** | **Standards:** | **8.EE.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:**   * Create and justify mathematical situations where there could be one, infinitely many, or no solution to equations representing real-world contexts.   **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 linear equations with rational coefficients where there is one solution, infinitely many solutions, or no solution.**  **The student will be able to:**   * [Give examples of linear equations in one variable with one solution, infinitely many solutions, or no solution.](http://www.cpalms.org/Public/PreviewResource/Preview/59451) ([8.EE.3.7a](http://www.cpalms.org/Public/PreviewResource/Preview/59450)) * [Successively transform a linear equation into simpler forms, until an equivalent equation of the form x = a, a = a, or a = b results (where a and b are different numbers). (8.EE.3.7a)](http://www.cpalms.org/Public/PreviewResource/Preview/59188) * Verify the solution(s) to a linear equation. (8.EE.3.7a) * [Solve linear equations that include the distributive property. (8.EE.3.7b)](http://www.cpalms.org/Public/PreviewResource/Preview/59560) * Solve linear equations that include combining like terms. (8.EE.3.7b) * [Solve multi-step linear equations with rational number coefficients. (8.EE.3.7b)](http://www.cpalms.org/Public/PreviewResource/Preview/59617)   **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:**   |  |  |  | | --- | --- | --- | | * Equation | * Like terms | * Equivalent Equations | | * Variable | * Linear | * Coefficient | | * Solution | * Inverse operations | * Constant | | * Infinite solutions * No solution | * Distributive property | * Rational number |   **The student will be able to:**   * Use inverse operations to rewrite equations. (8.EE.3.7b) * Solve a linear equation with one solution. (8.EE.3.7a) * Verify the solution to a one or two-step equation. (8.EE.3.7a) | | |
| **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 | | |