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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 |