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| --- | --- | --- | --- |
| **LG #** | **806** | **Standards:**  | **8.EE.3.8** |
| **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 analyze a system of equations from real-world context. Justify the number of solutions that make sense in context.

**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 analyze and solve pairs of simultaneous linear equations.****The student will be able to:*** [Solve a system of equations algebraically with one solution. (8.EE.3.8b)](http://www.cpalms.org/Public/PreviewResource/Preview/59690)
* [Solve a system of equations algebraically with no solution. (8.EE.3.8b)](http://www.cpalms.org/Public/PreviewResource/Preview/59690)
* [Solve a system of equations algebraically with infinitely many solutions. (8.EE.3.8b)](http://www.cpalms.org/Public/PreviewResource/Preview/59690)
* [Determine the number of solutions to a system of linear equations. (8.EE.3.8b)](http://www.cpalms.org/Public/PreviewResource/Preview/59692)
* [Write a system of linear equations from a real-world or mathematical problem. (8.EE.3.8c)](http://www.cpalms.org/Public/PreviewResource/Preview/59705)
* [Solve a system of linear equations created from a real-world or mathematical problem. (8.EE.3.8c)](http://www.cpalms.org/Public/PreviewResource/Preview/59693)

**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:**

|  |  |  |
| --- | --- | --- |
| * Simultaneous
 | * Point of intersection
 | * No solution
 |
| * One solution
 | * Algebraically
 | * Infinite solutions
 |
| * Solution to a system of linear equations
 | * System of linear equations
 | * Substitution
* Elimination
 |

**The student will be able to:*** Write and solve linear equations. (8.EE.3.7 🡪 LG 805)
* [Understand that solutions to a system of two linear equations in two variables correspond to points of intersection of their graphs. (8.EE.3.8a)](http://www.cpalms.org/Public/PreviewResource/Preview/59689)
* [Estimate and/or solve solutions to a system of equations by graphing. (8.EE.3.8b)](http://www.cpalms.org/Public/PreviewResource/Preview/59691)
 |
| **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 |