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| **LG #** | **A101** | **Standards:** | **A-CED.1.1, A-CED.1.2, A-CED.1.3, A-CED.1.4** |
| **4.0** | **In addition to Score 3.0, in-depth inferences and applications that goes beyond instruction to the standard.****The student will be able to:*** Compare and contrast when to apply and use exponential regression as opposed to linear regression when given data.
* Investigate how exponential equations are used to calculate investments with interest.

**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 create equations and inequalities that describe numbers or relationships****The student will be able to:*** Create equations and inequalities involving absolute value functions and use them to solve problems. (A-CED.1.1)
* [Create equations and inequalities involving exponential functions and use them to solve problems. (A-CED.1.1)](http://www.cpalms.org/Public/PreviewResource/Preview/70668)
* [Represent constraints (domain and range limits) and interpret solutions as viable or](http://www.cpalms.org/Public/PreviewResource/Preview/68246)

[non-viable options in a modeling context of: (A-CED.1.3)](http://www.cpalms.org/Public/PreviewResource/Preview/68246)* + [Equations](http://www.cpalms.org/Public/PreviewResource/Preview/56358)
	+ Inequalities
	+ System of Equations
	+ [System of Inequalities](http://www.cpalms.org/Public/PreviewResource/Preview/68255)
* [Rearrange formulas](http://www.cpalms.org/Public/PreviewResource/Preview/55015) to [highlight a quantity of interest](http://www.cpalms.org/Public/PreviewResource/Preview/55049), using the same reasoning as in solving equations ([*solve*](http://www.cpalms.org/Public/PreviewResource/Preview/55564)[*literal equations*](http://www.cpalms.org/Public/PreviewResource/Preview/55565)). ([A-CED.1.4](http://www.cpalms.org/Public/PreviewResource/Preview/58767))

**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** |

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| **The student recognizes and describes specific terminology such as:**

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| * Linear equation
 | * Exponential Function
 | * Systems of Inequalities
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| * Quadratic equation
* Rational Function
 | * Constraints (Domain/Range)
* Systems of Equations
 | * Viable/Non-Viable
* Absolute Value Function
* Inequality
 |

**The student will be able to:*** [Create linear equations](http://www.cpalms.org/Public/PreviewResource/Preview/55558) and [inequalities](http://www.cpalms.org/Public/PreviewResource/Preview/55560) in one variable and use to solve problems. (A-CED.1.1)
* [Create quadratic equations](http://www.cpalms.org/Public/PreviewResource/Preview/70667) and inequalities in one variable and use to solve problems. (A-CED.1.1)
* Create simple rational equations in one variable and use to solve problems. (A-CED.1.1)
* [Create linear equations in two](http://www.cpalms.org/Public/PreviewResource/Preview/56278) or [more variables](http://www.cpalms.org/Public/PreviewResource/Preview/56279) to represent relationships between quantities. ([A-CED.1.2](http://www.cpalms.org/Public/PreviewResource/Preview/66568))
* [Graph equations on coordinate axes with labels and scales.](http://www.cpalms.org/Public/PreviewResource/Preview/56281) ([A-CED.1.2](http://www.cpalms.org/Public/PreviewResource/Preview/66569))
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| **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 |