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| **LG #** | **L206** | **Standards:** | A-SSE.2.4 |
| **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:**   * Derive the sum of infinite geometric series. * Create a real world situation that would utilize the formula for the sum of a finite geometric series.   **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 derive the formula for the sum of a finite geometric series (when the common ratio is not 1), and use the formula to solve problems.**  **The student will be able to:**   * Derive the formula for the sum of a finite geometric series (common ratio is not 1).   (A-SSE.2.4)   * Use the formula to solve problems, such as calculating mortgage payments.   (A-SSE.2.4)  **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:**   |  |  |  | | --- | --- | --- | | * Sum | * Derive | * Ratio | | * Geometric Series | * Finite | * Common Ratio |   **The student will be able to:**   * Use the sum formula for a finite geometric series. (A-SSE.2.4) * Find the common ratio. (A-SSE.2.4) | | |
| **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 | | |