|  |  |  |  |
| --- | --- | --- | --- |
| **LG #** | **AF01** | **Standards:** | **A-APR.2.2, N-CN.3.9** |
| **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 a graph that illustrates the behavior of a polynomial.

**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 mathematical problems using the Fundamental Theorem of Algebra and the Remainder Theorem.****The student will be able to:*** Apply the Remainder Theorem (A-APR.2.2)
* Show that the Fundamental Theorem of Algebra is true for quadratic polynomials (N-CN.3.9)

**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:**

|  |  |  |
| --- | --- | --- |
| * Quadratic
 | * Factors
 | * Remainder Theorem
 |
| * Polynomial
 | * Fundamental Theorem of Algebra
 |  |

**The student will be able to:*** Know the Remainder Theorem(A-APR.2.2)
* Know the Fundamental Theorem of Algebra (N-CN.3.9)
 |
| **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 |