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| **LG #** | **MCR11** | **Standards:** | **A-SSE.1.1, A-SSE.1.2, A-APR.4.6, A-APR.4.7** |
| **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:*** Extend the techniques of this standard to be able to rewrite more complex trigonometric expressions. For example,

 as . **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 find patterns and structure in polynomial and rational expressions.****The student will be able to:*** Interpret complicated expressions by viewing one or more of their parts as a single entity. (A-SSE.1.1b)
* Use the structure of an expression to identify ways to rewrite it. (A-SSE.1.2)
* Rewrite simple rational expressions as the sum of a quotient and a remainder using inspection, long division, or using computer programs. (A-APR.4.6)
* Understand that rational expressions form a system analogous to the rational numbers (A-APR.4.7)

**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:**

|  |  |  |
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| * Rational Expression
 | * Factors
 | * Remainder
 |
| * Polynomial
 | * Coefficients
 | * Quotient
 |
| * Degree
 | * Difference of Squares
 | * Long Division
 |
| * Terms
 | * Perfect Square
 | * Analogous system
 |
| * Closure property
* Inspection
 | * Close system
 | * Standard form of a polynomial
 |

**The student will be able to:*** Identify parts of an expression using proper terminology such as terms, factors, and coefficients. (A-SSE.1.1a)
* Rewrite expressions in equivalent factored forms. (A-SSE.1.2)
* Identify the remainder and quotient of a rational expression. (A-APR.4.6)
* Add, subtract, multiply, and divide rational expressions (A-APR.4.7)
 |
| **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 |