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| **LG #** | **L207** | **Standards:** | **N-RN.2.3** |
| **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:*** Apply rational and irrational number sense to geometric properties.

**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 explain whether the sum or product of two rational and/or irrational numbers would be rational or irrational.****The student will be able to:*** Explain why the sum or product of two rational numbers is rational. (N-RN.2.3)
* Explain why the sum of a rational number and an irrational number is irrational.

(N-RN.2.3)* Explain why the product of a nonzero rational number and an irrational number is irrational. (N-RN.2.3)

**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
 | * Rational
 | * Nonzero
 |
| * Product
 | * Irrational
 |  |

**The student will be able to:*** Find the sum or product of two rational numbers. (N-RN.2.3)
* Find the sum of a rational number and an irrational number. (N-RN.2.3)
* Find the product of a nonzero rational number and an irrational number.

(N-RN.2.3) |
| **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 |