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| **LG #** | **702** | **Standards:** | **7.NS.1.1** |
| **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 model of a real-world situation using addition and subtraction of rational numbers (including integers, fractions, decimals, etc.) and illustrate it in multiple representations.

**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 apply and extend previous understandings of operations to add and subtract rational numbers.****The student will be able to:*** Interpret sums of rational numbers by describing real-world contexts. (7.NS.1.1b)
* Apply the principle of absolute value to solve problems in real-world contexts (7.NS.1.1c)
* Apply the Commutative Property, Associative Property, and the Order of Operations as strategies to add and subtract rational numbers (7.NS.1.1d)
* [Solve real-world and mathematical problems applying properties of adding and subtracting rational numbers. (7.NS.1.1d)](http://www.cpalms.org/Public/PreviewResource/Preview/56081)

**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 Numbers
 | * Additive Inverse
 | * Integer
 |
| * Whole Number
 | * Fraction
 | * Absolute Value
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| * Properties of Operations
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**The student will be able to:*** Describe situations in which opposite quantities combine to make 0. (7.NS.1.1a)
* [Show that a number and its opposite are additive inverses with a sum of 0. (7.NS.1.1b)](http://www.cpalms.org/Public/PreviewResource/Preview/56078)
* Describe a conceptual understanding of absolute value. (7.NS.1.1b)
* [Illustrate a conceptual understanding of adding rational numbers on a horizontal and vertical number line. (7.NS.1.1b)](http://www.cpalms.org/Public/PreviewResource/Preview/56079)
* Develop a conceptual understanding of addition and subtraction of rational numbers applying the additive inverse. (7.NS.1.1b, 7.NS.1.1c)
* Illustrate a conceptual understanding of subtracting rational numbers on a horizontal and vertical number line. (7.NS.1.1c)
* [Illustrate the distance between two rational numbers on the number line is the absolute value of their difference. (7.NS.1.1c)](http://www.cpalms.org/Public/PreviewResource/Preview/57171)
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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 |