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| **LG #** | **701** | **Standards:** | **7.RP.1.1, 7.RP.1.2, 7.RP.1.3** |
| **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:*** Compare the sales price of an item under different discounts to determine which would be the best value.
* Make predictions about outcomes in real-world situations involving proportional relationships. (i.e. Predicting how far a car could travel at a given speed and MPG)

**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 analyze proportional relationships and use them to solve real-world and mathematical problems.** **The student will be able to:*** [Compute unit rates associated with ratios of fractions. (7.RP.1.1)](http://www.cpalms.org/Public/PreviewResource/Preview/55436)
* Represent proportional relationships between quantities using [graphs, tables](http://www.cpalms.org/Public/PreviewResource/Preview/55960), [equations](http://www.cpalms.org/Public/PreviewResource/Preview/60566), diagrams, and [verbal descriptions](http://www.cpalms.org/Public/PreviewResource/Preview/60565). (7.RP.1.2b and 7.RP.1.2c)
* [Explain what a point (*x*, *y*) means on the graph of a proportional relationship in terms of the situation. (7.RP.1.2d)](http://www.cpalms.org/Public/PreviewResource/Preview/55963)
* [Use proportional reasoning to solve multistep ratio problems. (7.RP.1.3)](http://www.cpalms.org/Public/PreviewResource/Preview/60574)
* [Determine and interpret a percent of change. (7.RP.1.3)](http://www.cpalms.org/Public/PreviewResource/Preview/55442)
* [Solve multi-step problems involving discounts, sales tax, gratuity, commissions, and total cost. (7.RP.1.3)](http://www.cpalms.org/Public/PreviewResource/Preview/55441)
* Solve multi-step problems involving simple interest. (7.RP.1.3)

**No major errors or omissions regarding the score 3.0 content (simple or complex).** |
|  | 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:**

|  |  |  |  |
| --- | --- | --- | --- |
| * Proportional Relationship
* Markup/Markdown
 | * Unit Rate
* Constant
 | * Equivalent
* Discount
 | * Simple Interest
* Percent Change
 |
| * Percent Increase/Decrease
* Constant of Proportionality
 | * Origin
* Ratio
 | * Percent Error
* Tax/Gratuity
 | * Commission
* Percent
 |

**The student will be able to:*** Calculate and interpret unit rates. (7.RP.1.1)
* [Recognize whether two quantities are in a proportional relationship. (7.RP.1.2a)](http://www.cpalms.org/Public/PreviewResource/Preview/55438)
* Identify the constant of proportionality (unit rate) in tables, graphs, equations, diagrams, and verbal descriptions. (7.RP.1.2b)
* Calculate the percent of a number. (7.RP.1.3)
* Solve problems involving discount and final cost of an item. (7.RP.1.3)
* Solve problems involving gratuity (tip), commissions, and sales tax. (7.RP.1.3)
 |
| **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 |