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| **Content: Math** | | | **Grade Level: 6th** | |
| **Standard: 6.RP.3c** Find a percent of a quantity as a rate per 100, e.g., 30% of a quantity means 30/100 times the quantity. | | | | |
| **I can statements:**   * I can convert ratios to percents. | | | | |
| **Score 4.0** | **In addition to Score 3.0, in-depth inferences and applications that go beyond what was taught.** | | | **Sample Activities** |
| A tree’s weight doubles every 3 years. In how many years will the weight of the tree be 1600% of its weight now?  Answer: 12 years |
|  | **3.5** | In addition to score 3.0 performance, in-depth inferences and applications with partial success. | |  |
| **Score 3.0** | **The student can solve real-world problems involving ratios and percents.**  **The student exhibits no major errors or omissions.** | | | The sale price of a pair of pants is 65% of the regular price of $25. How much do you save by buying the pants on sale?  Answer: $8.75  Only 30% of Americans swim well enough to swim 100 yards. Of 200 Americans, how many can swim 100 yards?  Answer: 200 x .3 = 60  What is the sales tax if a pair of jeans costs $30.00 and has a 6% sales tax?  Answer: $30.00 x .06 = $1.80 |
|  | **2.5** | No major errors or omissions regarding 2.0 content and partial knowledge of the 3.0 content. | |  |
| **Score 2.0** | **There are no major errors or omissions regarding the simpler details and processes. However, the student exhibits major errors or omissions regarding the more complex ideas and processes.** | | | Write the fraction as a percent:  Answer: 24%  Write the mixed number as a percent:  Answer: 235% |
|  | **1.5** | Partial knowledge of the 2.0 content, but major errors or omissions regarding the 3.0 content. | |  |
| **Score 1.0** | **With help, a 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 the 2.0 content, but not the 3.0 content. | |
| **Score 0.0** | **Even with help, no understanding or skill demonstrated.** | | |