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| **LG #** | **813** | **Standards:** | **8.G.3.9** |
| **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:**   * Convert units of volume within and between measurement systems to solve real-world problems.   **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 solve real-world and mathematical problems involving volume of cylinders, cones, and spheres.**  **The student will be able to:**   * [Know and apply the formula for finding the volume of a cone. (8.G.3.9)](http://www.cpalms.org/Public/PreviewResource/Preview/70911) * [Know and apply the formula for finding the volume of a sphere. (8.G.3.9)](http://www.cpalms.org/Public/PreviewResource/Preview/64646) * Solve real-world problems involving the volume of [cones](http://www.cpalms.org/Public/PreviewResource/Preview/70961), [cylinders](http://www.cpalms.org/Public/PreviewResource/Preview/71035), and [spheres](http://www.cpalms.org/Public/PreviewResource/Preview/71059). (8.G.3.9)   **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:**   |  |  |  | | --- | --- | --- | | * Volume | * Area | * Radius | | * Cone | * Base | * Units | | * Cylinder | * Pi () | * Square units | | * Sphere | * Diameter | * Cubic units |   **The student will be able to:**   * Determine the area of a circle. (8.G.3.9) * [Know and apply the formula for finding the volume of a cylinder. (8.G.3.9)](http://www.cpalms.org/Public/PreviewResource/Preview/70924) | | |
| **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 | | |