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| **LG #** | **709** | **Standards:** | **7.G.2.6** |
| **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 net that contains circular faces (cone, cylinder, etc.) and use it to determine the surface area of the figure.

**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 the surface area of 3D shapes composed of triangles and polygons.****The student will be able to:*** Solve real-world and mathematical problems involving [surface area of three-dimensional figures](http://www.cpalms.org/Public/PreviewResource/Preview/65203), including [composite figures](http://www.cpalms.org/Public/PreviewResource/Preview/65200). (7.G.2.6)
* Determine a missing dimension of a three-dimensional figure given the surface area. (7.G.2.6)

**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:**

|  |  |  |
| --- | --- | --- |
| * Right Rectangular Pyramid
* Right Rectangular Prism
* Plane Section
* Two Dimensional
* Triangle
* Net
 | * Three Dimensional
* Area
* Volume
* Surface Area
* Vertex
* Lateral Face
* Dimensions
 | * Quadrilateral
* Polygon
* Cube
* Right Prism
* Base
* Slant Height
* Composite Figure
 |

**The student will be able to:*** Understand the meaning of area. (7.G.2.6)
* [Determine the area of two-dimensional figures. (7.G.2.6)](http://www.cpalms.org/Public/PreviewResource/Preview/65115)
* Determine a missing dimension of a two-dimensional figure given the area. (7.G.2.6)
* Create a net and use it to determine surface area of a three-dimensional figure. (7.G.2.6)
 |
| **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 |