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| **LG #** | **711** | **Standards:** | **7.G.2.5** |
| **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:*** Prove that the sum of the interior angles of a triangle is 180o in multiple ways.
* Determine relationships between the interior and exterior angles of a triangle.

**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 use facts about a variety of angles in a multi-step problem to write and solve simple equations for an unknown angle.****The student will be able to:*** [Write and solve simple equations for an unknown angle in a figure. (7.G.2.5)](http://www.cpalms.org/Public/PreviewResource/Preview/63055)
* [Use simple equations to determine the missing angles](http://www.cpalms.org/Public/PreviewResource/Preview/70723) when parallel lines are cut by one or more transversals. (7.G.2.5)

**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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| --- | --- | --- |
| * Supplementary Angles
* Complementary Angles
* Vertical Angles
* Adjacent Angles
 | * Transversal
* Alternate Interior Angles
* Alternate Exterior Angles
* Congruent
 | * Angle Measure
* Regular Polygon
* Sum of Interior Angles
* Corresponding Angles
 |

**The student will be able to:*** Identify pairs of alternate interior, alternate exterior, vertical, corresponding, and adjacent angles created when two parallel lines are cut by a transversal. (7.G.2.5)
* Understand and identify supplementary and complementary angles. (7.G.2.5)
* [Apply knowledge of supplementary angles to determine missing angles](http://www.cpalms.org/Public/PreviewResource/Preview/63159), including when parallel lines are cut by a transversal. (7.G.2.5)
* Apply knowledge of interior angle sums to determine missing angles within a polygon. (7.G.2.5)
 |
| **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 |