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| **LG #** | **G05** | **Standards:** | **G-C.1.1, G-C.1.2, G-C.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:*** Construct the special case where the circumcenter and incenter are the same point.

**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 understand and apply theorems about circles.****The student will be able to:*** [Prove that all circles are similar.](http://www.cpalms.org/Public/PreviewResource/Preview/70632) ([G-C.1.1](http://www.cpalms.org/Public/PreviewResource/Preview/70880))
* [Describe relationships among central, inscribed, and circumscribed angles.](http://www.cpalms.org/Public/PreviewResource/Preview/70897) ([G-C.1.2](http://www.cpalms.org/Public/PreviewResource/Preview/70891))
* [Describe relationships among radii and chords. (G-C.1.2)](http://www.cpalms.org/Public/PreviewResource/Preview/70953)
* [Describe the relationship of inscribed angles on a diameter and right angles. (G-C.1.2)](http://www.cpalms.org/Public/PreviewResource/Preview/70909)
* Recognize that the radius of a circle is perpendicular to the tangent where the radius intersects the circle. (G-C.1.2)
* Construct the [inscribed](http://www.cpalms.org/Public/PreviewResource/Preview/57537) and [circumscribed](http://www.cpalms.org/Public/PreviewResource/Preview/57538) circles of a triangle. (G-C.1.3)
* [Prove properties of angles for a quadrilateral inscribed in a circle. (G-C.1.3)](http://www.cpalms.org/Public/PreviewResource/Preview/70974)

**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:**

|  |  |  |
| --- | --- | --- |
| * Circle
 | * Similar
 | * Inscribed Angles
 |
| * Radius
 | * Chord
 | * Central Angle
 |
| * Diameter
 | * Right Angle
 | * Perpendicular
 |
| * Tangent
* Inscribed Circle
* Circumscribed Angle
 | * Intersect
* Circumscribed Circle
* Incenter
 | * Construct
* Quadrilateral
* Circumcenter
 |

**The student will be able to:*** Identify central, inscribed and circumscribed angles. (G-C.1.2)
* Identify radii, tangents, and chords. (G-C.1.2)
* Identify angle bisectors of a triangle and their point of concurrency (incenter). (G-C.1.3)
* Identify perpendicular bisectors of a triangle and their point of concurrency (circumcenter). (G-C.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 |