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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 | | |