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| **LG #** | **610** | **Standards:** | **6.G.1.1, 6.G.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:*** Create a composite figure, given the area, composed of at least three quadrilaterals and triangles.

**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 area.** **The student will be able to:*** Find the area of other [triangles](http://www.cpalms.org/Public/PreviewResource/Preview/64895), [special quadrilaterals](http://www.cpalms.org/Public/PreviewResource/Preview/64905), and [polygons](http://www.cpalms.org/Public/PreviewResource/Preview/65099) by composing into rectangles or decomposing into triangles and other shapes. ([6.G.1.1](http://www.cpalms.org/Public/PreviewResource/Preview/65101))
* [Apply techniques of finding area of polygons to solving real-world and mathematical problems. (6.G.1.1)](http://www.cpalms.org/Public/PreviewResource/Preview/65102)
* [Apply techniques of drawing polygons and finding side lengths to real-world and mathematical problems. (6.G.1.3)](http://www.cpalms.org/Public/PreviewResource/Preview/66218)

**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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| * Area
* Coordinate Plane
* Coordinates
* Kite
* Parallelogram
 | * Polygon
* Quadrilaterals
* Rectangle
* Right Triangle
* Rhombus
 | * Square
* Trapezoid
* Triangles
* Vertices
 |

**The student will be able to:*** Calculate the area of right triangles and other types of triangles. (6.G.1.1)
* Calculate the area of squares and rectangles. (6.G.1.1)
* [Draw polygons in the coordinate plane given the vertices. (6.G.1.3)](http://www.cpalms.org/Public/PreviewResource/Preview/66214)
* [Calculate the length of a side of a polygon graphed in the coordinate plane where the vertices have the same x-value or same y-value. (6.G.1.3)](http://www.cpalms.org/Public/PreviewResource/Preview/66217)
 |
| **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 |