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| **Content: Math** | | | | **Grade Level: 6th** |
| **Standard: 6.G.1**  Find the area of right triangles, other triangles, specific quadrilaterals, and polygons by composing into rectangles or decomposing into triangles and other shapes; apply these techniques in the context of solving real-world and mathematical problems. | | | | |
| **I can statements:**   * I can relate the area of triangles to the area of rectangles. * I can visually and physically decompose and compose polygons into rectangles and triangles to determine area. | | | | |
| **Score 4.0** | **In addition to Score 3.0, in-depth inferences and applications that go beyond what was taught.** | | **Sample Activities** | |
| Answer a: the second design has the greater area.  Answer b: You could make 90 more envelopes with 1st design. | |
|  | **3.5** | In addition to score 3.0 performance, in-depth inferences and applications with partial success. |  | |
| **Score 3.0** | **The student can solve multi-step problems that involve finding the area of composite figures.**  **The student exhibits no major errors or omissions.** | | Answer: 90 sq. meters | |
|  | **2.5** | No major errors or omissions regarding 2.0 content and partial knowledge of the 3.0 content. |  | |
| **Score 2.0** | **There are no major errors or omissions regarding the simpler details and processes. However, the student exhibits major errors or omissions regarding the more complex ideas and processes.**  **The student can find the area of simple shapes such as triangles and rectangles.** | | Find the area of right triangles and other triangles.   1. Find the area of a triangle with a base of 5 cm and height 12cm.   Answer: 30cm squared | |
|  | **1.5** | Partial knowledge of the 2.0 content, but major errors or omissions regarding the 3.0 content. |  | |
| **Score 1.0** | **With help, a 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 the 2.0 content, but not the 3.0 content. |
| **Score 0.0** | **Even with help, no understanding or skill demonstrated.** | |