

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**BLM 7.3.3**

# Achievement Check Rubric

Category	Level 1	Level 2	Level 3	Level 4
<b>Knowledge/ Understanding</b>	<ul style="list-style-type: none"> <li>demonstrates limited knowledge of geometric concepts and properties of angles of triangles, quadrilaterals and polygons</li> </ul>	<ul style="list-style-type: none"> <li>demonstrates some knowledge of geometric concepts and properties of angles of triangles, quadrilaterals and polygons</li> </ul>	<ul style="list-style-type: none"> <li>demonstrates considerable knowledge of geometric concepts and properties of angles of triangles, quadrilaterals and polygons</li> </ul>	<ul style="list-style-type: none"> <li>demonstrates a thorough knowledge of geometric concepts and properties of angles of triangles, quadrilaterals and polygons</li> </ul>
<b>Thinking</b>	<ul style="list-style-type: none"> <li>uses planning and critical-thinking processes with limited effectiveness</li> </ul>	<ul style="list-style-type: none"> <li>uses planning and critical-thinking processes with some effectiveness</li> </ul>	<ul style="list-style-type: none"> <li>uses planning and critical-thinking processes with considerable effectiveness (e.g., makes inferences, compares inferences with the figure requirements, and explains differences)</li> </ul>	<ul style="list-style-type: none"> <li>uses planning and critical-thinking processes with a high degree of effectiveness (e.g., makes inferences, compares inferences with the figure requirements, and explains differences in a detailed way)</li> </ul>
<b>Communication</b>	<ul style="list-style-type: none"> <li>expresses and organizes mathematical thinking with limited effectiveness</li> <li>uses mathematical vocabulary and notation with limited effectiveness (e.g., expresses solutions with limited clarity)</li> </ul>	<ul style="list-style-type: none"> <li>expresses and organizes mathematical thinking with some effectiveness</li> <li>uses mathematical vocabulary and notation with some effectiveness (e.g., expresses solutions with some clarity)</li> </ul>	<ul style="list-style-type: none"> <li>expresses and organizes mathematical thinking with considerable effectiveness</li> <li>uses mathematical vocabulary and notation with considerable effectiveness (e.g., expresses solutions in a clear manner)</li> </ul>	<ul style="list-style-type: none"> <li>expresses and organizes mathematical thinking with a high degree of effectiveness</li> <li>uses mathematical vocabulary and notation with a high degree of effectiveness (e.g., expresses solutions in a clear and detailed manner)</li> </ul>
<b>Application</b>	<ul style="list-style-type: none"> <li>applies knowledge of geometric properties to this context with limited effectiveness</li> <li>may use technology with difficulty</li> </ul>	<ul style="list-style-type: none"> <li>applies knowledge of geometric properties to this context with some effectiveness</li> <li>may use technology with some success</li> </ul>	<ul style="list-style-type: none"> <li>applies knowledge of geometric properties to this context with considerable effectiveness</li> <li>may use technology appropriately</li> </ul>	<ul style="list-style-type: none"> <li>applies knowledge of geometric properties to this context with a high degree of effectiveness</li> <li>uses technology appropriately and efficiently</li> </ul>