

Name: _____

Date: _____

BLM 7.5.3

Achievement Check Rubric

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