Name: _____   Date: _____

Achievement Check Rubric

Category	Level 1	Level 2	Level 3	Level 4
Knowledge/ Understanding	• demonstrates limited understanding of the concepts of primary and secondary data	• demonstrates some understanding of the concepts of primary and secondary data	• demonstrates considerable understanding of the concepts of primary and secondary data	• demonstrates a thorough understanding of the concepts of primary and secondary data
Thinking	• uses planning and critical thinking processes with limited effectiveness (e.g., demonstrates limited evidence of inference in formulating hypotheses and making predictions)	• uses planning and critical thinking processes with some effectiveness (e.g., demonstrates some evidence of inference in formulating hypotheses and making predictions)	• uses planning and critical thinking processes with considerable effectiveness (e.g., demonstrates considerable evidence of inference in formulating hypotheses and making predictions)	• uses planning and critical thinking processes with a high degree of effectiveness (e.g., provides detailed evidence of inference in formulating hypotheses and making predictions)
Communication	• expresses and organizes mathematical thinking with limited effectiveness • uses mathematical vocabulary and notation with limited effectiveness (e.g., explanations are limited and unclear)	• expresses and organizes mathematical thinking with some effectiveness • uses mathematical vocabulary and notation with some effectiveness (e.g., explanations have some clarity and detail)	• expresses and organizes mathematical thinking with considerable effectiveness • uses mathematical vocabulary and notation with considerable effectiveness (e.g., explanations have considerable clarity and detail)	• expresses and organizes mathematical thinking with a high degree of effectiveness • uses mathematical vocabulary and notation with a high degree of effectiveness (e.g., explanations are very clear and detailed)
Application	• applies knowledge of primary and secondary data and formulating hypotheses with limited effectiveness	• applies knowledge of primary and secondary data and formulating hypotheses with some effectiveness	• applies knowledge of primary and secondary data and formulating hypotheses with considerable effectiveness	• applies knowledge of primary and secondary data and formulating hypotheses with a high degree of effectiveness