Name: _____   Date: _____

Section 3.2 Achievement Check Rubric

Category	Level 1	Level 2	Level 3	Level 4
Knowledge and Understanding • Correctly identifies unbiased methods for collecting data.	Demonstrates limited understanding of unbiased methods of collecting data.	Demonstrates some understanding of unbiased methods of collecting data.	Demonstrates considerable understanding of unbiased methods of collecting data.	Demonstrates thorough understanding of unbiased methods of collecting data.
Thinking • Prepares a plan to solve the problem. • Carries out the plan.	Needs extensive assistance to begin organizing a plan and needs clearly laid out steps to follow.	Needs some assistance to begin organizing a plan and needs some steps to follow.	Needs minimal assistance to organize and implement an effective strategy.	Needs no assistance to organize and implement an effective strategy.
Communication • Clear explanations and full justifications. • Correct use of mathematical language.	Does not clearly explain or justify solution. Uses survey terminology incorrectly.	Explains and justifies solution somewhat. Uses survey terminology with some errors.	Explains and justifies solution fully. Uses survey terminology correctly.	Explains, justifies and shows insight into the complexities of the solution. Uses survey terminology correctly.
Application • Writes two survey questions for each scenario.	Chooses inappropriate survey questions.	Chooses somewhat appropriate survey questions.	Chooses appropriate survey questions.	Chooses optimal survey questions.