Name: _____   Date: _____

Section 4.4 Achievement Check Rubric

Category	Level 1	Level 2	Level 3	Level 4
Knowledge and Understanding • Identify and correct design problems relating to survey bias.	Demonstrates limited understanding of good survey design.	Demonstrates some understanding of good survey design.	Demonstrates considerable understanding of good survey design.	Demonstrates thorough understanding of good survey design.
Thinking • Prepare a plan to solve the problem. • Carry 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 results of survey analysis. Uses correct mathematical language in some of the solution.	Explains and justifies results of survey analysis somewhat. Uses correct mathematical language throughout most of the solution.	Explains and justifies results of survey analysis fully. Uses correct mathematical language throughout the solution.	Explains, justifies, and shows insight into the complexities of the survey analysis. Uses correct mathematical language throughout the solution.
Application • Apply knowledge of bias to survey analysis.	Interprets the survey information ineffectively and has difficulty suggesting improvements.	Interprets the survey information somewhat effectively and has difficulty suggesting improvements.	Interprets the survey information with considerable effectiveness and has little difficulty suggesting improvements.	Interprets the survey information with a high degree of effectiveness and has no difficulty suggesting extensive improvements.