Name: _____   Date: _____

Section 5.4 Achievement Check Rubric

Category	Level 1	Level 2	Level 3	Level 4
Knowledge and Understanding • Create various regression models for given data.	Demonstrates limited understanding of regression modelling.	Demonstrates some understanding of regression modelling.	Demonstrates considerable understanding of regression modelling.	Demonstrates thorough understanding of regression modelling.
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 data analysis. Uses correct mathematical language in some of the solution.	Explains and justifies data analysis somewhat. Uses correct mathematical language throughout most of the solution.	Explains and justifies data analysis fully. Uses correct mathematical language throughout the solution.	Explains, justifies, and shows insight into the complexities of the data analysis. Uses correct mathematical language throughout the solution.
Application • Make connections between given data and linear, quadratic, and exponential relations.	Interprets the data ineffectively and has difficulty drawing conclusions.	Interprets the data somewhat effectively and has difficulty drawing conclusions.	Interprets the data with considerable effectiveness and has little difficulty drawing conclusions.	Interprets the data with a high degree of effectiveness and has no difficulty drawing extensive conclusions.