Name: _____   Date: _____

Chapter 6 Practice Test Achievement Check Rubric

Categories	Level 1	Level 2	Level 3	Level 4
Knowledge and Understanding • Produces a table and sketch of the graph of the rebound height versus. bounce number in parts a) and b). • Finds the values of the function for the initial, first and second bounces in part e).	Demonstrates limited understanding of measurement and sketches an unlabelled and unreasonable graph. Finds one of the three values correctly.	Demonstrates some understanding of measurement and sketches an unlabelled or unreasonable graph. Finds two of the three values correctly.	Demonstrates considerable understanding of measurement and sketches a labelled and reasonable graph. Finds all of the values correctly.	Demonstrates thorough understanding of measurement and sketches a labelled, precise, and reasonable graph. Finds all of the values correctly and compares them to the table of values.
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.	Does not clearly explain or justify solution.	Explains and justifies solution somewhat.	Explains and justifies solution fully.	Explains, justifies, and shows insight into the complexities of the solution.
Application • Identifies and finds the exponential model in parts c) and d). • Predicts the bounce number for the given rebound height in part f).	Interprets the information ineffectively, finding the equation and prediction with major errors or with considerable assistance.	Interprets the information somewhat effectively, finding the equation and prediction with minor errors or with some assistance.	Interprets the information with considerable effectiveness, finding the equation and prediction correctly and with minimal assistance.	Interprets the information with a high degree of effectiveness, finding the equation and prediction correctly and without assistance.