Name: _____   Date: _____

Section 8.2 Achievement Check Rubric

Category	Level 1	Level 2	Level 3	Level 4
Knowledge and Understanding • Sets up and solves the three equations. • Finds the differences between amounts.	Demonstrates limited understanding of compound interest situations. Makes major errors.	Demonstrates some understanding of compound interest situations. Makes minor errors.	Demonstrates considerable understanding of compound interest situations. Presents an accurate solution.	Demonstrates thorough understanding of compound interest situations. Presents an accurate solution.
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. Maintains the correct units in some of the solution.	Explains and justifies solution somewhat. Maintains the correct units throughout most of the solution.	Explains and justifies solution fully. Maintains the correct units throughout the solution.	Explains, justifies and shows insight into the complexities of the solution. Maintains the correct units throughout the solution.
Application • Predicts the amounts and differences over the long term.	Interprets the information ineffectively and has difficulty making a reasonable prediction.	Interprets the information somewhat effectively and has some difficulty making a reasonable prediction.	Interprets the information with considerable effectiveness and has little difficulty making a reasonable prediction.	Interprets the information with a high degree of effectiveness and has no difficulty making a reasonable and well thought out prediction.