

Section 7.1 Achievement Check Rubric

Categories	Level 1	Level 2	Level 3	Level 4
Knowledge and Understanding <ul style="list-style-type: none"> Creates tables of values or draws a graph to find values. Compares the amounts at the end of 5 years. Estimates the point where simple interest equals compound interest. 	Demonstrates limited understanding of simple and compound interests by making many errors in calculations, and unreasonable comparisons and estimates.	Demonstrates some understanding of simple and compound interests by making few errors in calculations, and unreasonable comparisons or estimates.	Demonstrates considerable understanding of simple and compound interests by making no errors in calculations, and reasonable comparisons or estimates.	Demonstrates thorough understanding of simple and compound interests by making no errors in calculations, and reasonable, justified comparisons and estimates.
Thinking <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> Clear explanations and full justifications. 	Does not clearly explain or justify solutions.	Explains and justifies solution somewhat.	Explains and justifies solution fully.	Explains, justifies, and shows insight into the complexities of the solution.
Application <ul style="list-style-type: none"> Interprets the situation to answer parts a) and e). 	Interprets the information ineffectively by making an unreasonable choice of investment in a), and by not applying an understanding of simple and compound interests to answer e).	Interprets the information somewhat effectively by making an unexplained choice of investment in a), and by not applying an understanding of simple and compound interests to justify the answer in e).	Interprets the information with considerable effectiveness by making a reasonable choice of investment in a), and by applying an understanding of simple and compound interests to answer e).	Interprets the information with a high degree of effectiveness by making a reasonable and explained choice of investment in a), and by applying an understanding of simple and compound interests to justify the answer in e).