

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**BLM 8-14**

## Chapter 8 Task Rubric

Categories	Level 1	Level 2	Level 3	Level 4
<b>Knowledge and Understanding</b> <ul style="list-style-type: none"> <li>• Draws accurate time lines.</li> <li>• Uses the appropriate compound interest formulas to calculate future value, present value, or the payment value of an annuity.</li> </ul>	Demonstrates limited understanding of compound interest problems, making major errors in the solutions.	Demonstrates some understanding of compound interest problems, making few errors in the solutions.	Demonstrates considerable understanding of compound interest problems, making only minor errors in the solutions.	Demonstrates thorough understanding of compound interest problems, making no errors in the solutions.
<b>Thinking</b> <ul style="list-style-type: none"> <li>• Prepares a plan to complete the task.</li> <li>• Carries out the plan.</li> </ul>	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.
<b>Communication</b> <ul style="list-style-type: none"> <li>• Correct use of mathematical language.</li> <li>• Clear explanations and full justifications.</li> </ul>	Maintains the correct units in some parts of the solution. Does not clearly explain or justify solution.	Maintains the correct units throughout most of the solution. Explains and justifies solution somewhat.	Maintains the correct units throughout 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.
<b>Application</b> <ul style="list-style-type: none"> <li>• Researches the Canadian prime interest rate and the interest rates available on savings accounts.</li> <li>• Uses the TVM Solver for calculations.</li> <li>• Presents other costs or expenses that are reasonable for question 1, part f).</li> <li>• Presents a reasonable scenario for question 2, part g).</li> </ul>	Interprets the information ineffectively, presenting unreasonable rates, expenses, and scenarios and needing extensive assistance to use the TVM Solver.	Interprets the information somewhat effectively, presenting some reasonable rates, expenses, and scenarios and needing some assistance to use the TVM Solver.	Interprets the information with considerable effectiveness, presenting reasonable rates, expenses, or scenarios and needing minimal assistance to use the TVM Solver.	Interprets the information with a high degree of effectiveness, presenting reasonable rates, expenses, and scenarios and correctly using the TVM Solver.