

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

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

**BLM 8-10**

## Section 8.5 Achievement Check Rubric

Category	Level 1	Level 2	Level 3	Level 4
<b>Knowledge and Understanding</b> <ul style="list-style-type: none"> <li>Sets up and solves the three equations.</li> </ul>	Demonstrates limited understanding of present value questions.	Demonstrates some understanding of present value questions.	Demonstrates considerable understanding of present value questions.	Demonstrates thorough understanding of present value questions.
<b>Thinking</b> <ul style="list-style-type: none"> <li>Prepares a plan to solve the problem.</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>Clear explanations and full justifications.</li> <li>Correct use of mathematical language.</li> </ul>	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.
<b>Application</b> <ul style="list-style-type: none"> <li>Finds the interest rate necessary to pay the expenses in the future.</li> </ul>	Interprets the information ineffectively and has difficulty finding a reasonable interest rate.	Interprets the information somewhat effectively and has some difficulty finding a reasonable interest rate.	Interprets the information with considerable effectiveness and has little difficulty finding a reasonable interest rate.	Interprets the information with a high degree of effectiveness and has no difficulty finding a reasonable interest rate.