

Name: _____

Date: _____

BLM 8-4

Section 8.1 Achievement Check Rubric

| Category | Level 1 | Level 2 | Level 3 | Level 4 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Knowledge and Understanding <ul style="list-style-type: none"> Perform calculations for a long-term savings plan. | Demonstrates limited understanding of financial calculations. | Demonstrates some understanding of financial calculations. | Demonstrates considerable understanding of financial calculations. | Demonstrates thorough understanding of financial calculations. |
| Thinking <ul style="list-style-type: none"> Prepare a plan to solve the problem. Carry 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. 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 <ul style="list-style-type: none"> Use technology effectively for the situation. Modify the savings plan to incorporate savings interest. | Interprets the information ineffectively and has difficulty finding budget amounts. | Interprets the information somewhat effectively and has difficulty finding budget amounts. | Interprets the information with considerable effectiveness and has little difficulty finding budget amounts. | Interprets the information with a high degree of effectiveness and has no difficulty finding budget amounts. |

