

Chapter 7 Task Rubric

| Category | Level 1 | Level 2 | Level 3 | Level 4 |
|---|--|---|--|---|
| Knowledge and Understanding <ul style="list-style-type: none"> Evaluate an annuity under various conditions. | Demonstrates limited understanding of annuity calculations. | Demonstrates some understanding of annuity calculations. | Demonstrates considerable understanding of annuity calculations. | Demonstrates thorough understanding of annuity 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 problem solving strategy. | Needs no assistance to organize and implement an effective problem solving strategy. |
| Communication <ul style="list-style-type: none"> Clear explanations and full justifications. Correct use of mathematical language and conventions. | Does not clearly explain or justify solution. Rarely uses correct mathematical language and conventions. | Explains and justifies solution somewhat. Uses correct mathematical language and conventions throughout some of the solution. | Explains and justifies solution fully. Uses correct mathematical language and conventions throughout most of the solution. | Explains, justifies, and shows insight into the complexities of the solution. Uses correct mathematical language and conventions throughout the solution. |
| Application <ul style="list-style-type: none"> Make connections between given data and annuities. | Interprets the data ineffectively and has considerable difficulty drawing conclusions. | Interprets the data somewhat effectively and has some difficulty drawing conclusions. | Interprets the data with considerable effectiveness and has little difficulty drawing conclusions. | Interprets the data with a high degree of effectiveness and has no difficulty drawing extensive conclusions. |

