

**Section 7.2 Achievement Check Rubric**

<b>Category</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Level 4</b>
<b>Knowledge and Understanding</b> <ul style="list-style-type: none"> <li>Evaluate an annuity under various conditions.</li> <li>Evaluate any variable in an annuity given the other variables.</li> </ul>	Demonstrates limited understanding of annuity calculations.	Demonstrates some understanding of annuity calculations.	Demonstrates considerable understanding of annuity calculations.	Demonstrates thorough understanding of annuity calculations.
<b>Thinking</b> <ul style="list-style-type: none"> <li>Prepare a plan to solve the problem.</li> <li>Carry 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 conventions.</li> </ul>	Does not clearly explain or justify solution. Rarely uses mathematical conventions.	Explains and justifies solution somewhat. Uses correct mathematical conventions in some of the solution.	Explains and justifies solution fully. Uses correct mathematical conventions throughout most of the solution.	Explains, justifies, and shows insight into the complexities of the solution. Uses correct mathematical conventions throughout the solution.
<b>Application</b> <ul style="list-style-type: none"> <li>Apply knowledge of annuity formulas to given information.</li> </ul>	Interprets the information ineffectively and has difficulty applying annuity formulas and drawing conclusions.	Interprets the information somewhat effectively and has some difficulty applying annuity formulas and drawing conclusions.	Interprets the information with considerable effectiveness and has little difficulty applying annuity formulas and drawing conclusions.	Interprets the information with a high degree of effectiveness and has no difficulty applying annuity formulas and drawing conclusions.

