

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

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

**BLM 8-10**

## Chapter 8 Problem Wrap-Up Rubric

Categories	Level 1	Level 2	Level 3	Level 4
<b>Knowledge and Understanding</b> <ul style="list-style-type: none"> <li>Identifies the given values for each problem.</li> <li>Selects the correct formula to apply for each problem.</li> <li>Uses technology where appropriate.</li> </ul>	Demonstrates limited understanding of the formulas and when to apply them. Makes major errors when evaluating.	Demonstrates some understanding of the formulas and when to apply them. Makes several errors when evaluating.	Demonstrates considerable understanding of the formulas and when to apply them. Makes few errors when evaluating.	Demonstrates thorough understanding of the formulas and when to apply them. Makes no errors when evaluating.
<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> </ul>	Does not clearly explain or justify solution.	Explains and justifies solution somewhat.	Explains and justifies solution fully.	Explains, justifies, and shows insight into the complexities of the solution.
<b>Application</b> <ul style="list-style-type: none"> <li>Uses the correct formulas.</li> </ul>	Interprets the information ineffectively and does not use the correct formulas. Requires considerable assistance.	Interprets the information somewhat effectively and uses several formulas correctly but not all. Needs some assistance when using technology.	Interprets the information with considerable effectiveness and uses all formulas correctly. Needs little assistance when using technology.	Interprets the information with considerable effectiveness and uses all formulas correctly. Needs no assistance when using technology.