

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

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

**BLM 2-10**

## Chapter 2 Problem Wrap-Up Rubric

Category	Level 1	Level 2	Level 3	Level 4
<b>Knowledge/ Understanding</b>	<ul style="list-style-type: none"> <li>demonstrates limited knowledge of the measurement and geometric aspects involved in a fractal development</li> <li>demonstrates limited knowledge of research skills</li> </ul>	<ul style="list-style-type: none"> <li>demonstrates some knowledge of the measurement and geometric aspects involved in a fractal development</li> <li>demonstrates some knowledge of research skills</li> </ul>	<ul style="list-style-type: none"> <li>demonstrates considerable knowledge of the measurement and geometric aspects involved in a fractal development</li> <li>demonstrates considerable knowledge of research skills</li> </ul>	<ul style="list-style-type: none"> <li>demonstrates thorough knowledge of the measurement and geometric aspects involved in a fractal development</li> <li>demonstrates thorough knowledge of research skills</li> </ul>
<b>Thinking</b>	<ul style="list-style-type: none"> <li>uses planning and critical thinking processes with limited effectiveness (e.g., little evidence of inference in analysing and/or describing a fractal development)</li> </ul>	<ul style="list-style-type: none"> <li>uses planning and critical thinking processes with some effectiveness (e.g., some evidence of inference in analysing and/or describing a fractal development)</li> </ul>	<ul style="list-style-type: none"> <li>uses planning and critical thinking processes with considerable effectiveness (e.g., considerable evidence of inference in analysing and describing a fractal development)</li> </ul>	<ul style="list-style-type: none"> <li>uses planning and critical thinking processes very effectively (e.g., detailed evidence of inference in analysing and describing a fractal development)</li> </ul>
<b>Communication</b>	<ul style="list-style-type: none"> <li>expresses and organizes thinking with limited effectiveness</li> <li>uses mathematical vocabulary and notation with limited effectiveness</li> </ul>	<ul style="list-style-type: none"> <li>expresses and organizes thinking with some effectiveness</li> <li>uses mathematical vocabulary and notation with some effectiveness</li> </ul>	<ul style="list-style-type: none"> <li>expresses and organizes thinking with considerable effectiveness</li> <li>uses mathematical vocabulary and notation with considerable effectiveness (e.g., uses good form and correct mathematical notation in presenting fractal descriptions and application(s))</li> </ul>	<ul style="list-style-type: none"> <li>expresses and organizes mathematical thinking with a high degree of effectiveness</li> <li>uses mathematical vocabulary and notation with a high degree of effectiveness (e.g., uses very good form and correct mathematical notation in presenting fractal descriptions and application(s))</li> </ul>
<b>Application</b>	<ul style="list-style-type: none"> <li>applies knowledge to this context with limited effectiveness</li> </ul>	<ul style="list-style-type: none"> <li>applies knowledge to this context with some effectiveness</li> </ul>	<ul style="list-style-type: none"> <li>applies knowledge to this context with considerable effectiveness (e.g., applies most appropriate measurement and geometric ideas and provides mathematical support)</li> </ul>	<ul style="list-style-type: none"> <li>applies knowledge to this context with a high degree of effectiveness (e.g., applies appropriate measurement and geometric ideas and provides mathematical support)</li> </ul>