

Name: _____

Date: _____

BLM 2-10

Chapter 2 Problem Wrap-Up Rubric

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