

Name: _____

Date: _____

BLM 3-11

Chapter 3 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 geometric properties and algebraic skills 	<ul style="list-style-type: none"> demonstrates some knowledge of geometric properties and algebraic skills 	<ul style="list-style-type: none"> demonstrates considerable knowledge of geometric properties and algebraic skills 	<ul style="list-style-type: none"> demonstrates thorough knowledge of geometric properties and algebraic skills
Thinking	<ul style="list-style-type: none"> uses planning and critical thinking processes with limited effectiveness 	<ul style="list-style-type: none"> uses planning and critical thinking processes with some effectiveness 	<ul style="list-style-type: none"> uses planning and critical thinking processes with considerable effectiveness (e.g., has an organized plan to research the problems) 	<ul style="list-style-type: none"> uses planning and critical thinking processes with a high degree of effectiveness (e.g., has a detailed organized plan to research the problems)
Communication	<ul style="list-style-type: none"> expresses and organizes mathematical thinking with limited effectiveness uses mathematical vocabulary, notation, and diagrams with limited effectiveness 	<ul style="list-style-type: none"> expresses and organizes mathematical thinking with some effectiveness uses mathematical vocabulary, notation, and diagrams with some effectiveness 	<ul style="list-style-type: none"> expresses and organizes mathematical thinking with considerable effectiveness uses mathematical vocabulary, notation, and diagrams with considerable effectiveness (e.g., expresses solutions using good mathematical form) 	<ul style="list-style-type: none"> expresses and organizes mathematical thinking with a high degree of effectiveness uses mathematical vocabulary, notation, and diagrams with a high degree of effectiveness (e.g., expresses solutions using excellent mathematical form, detailing all steps with justification)
Application	<ul style="list-style-type: none"> applies knowledge of geometric properties to this context with limited effectiveness 	<ul style="list-style-type: none"> applies knowledge of geometric properties to this context with some effectiveness 	<ul style="list-style-type: none"> applies knowledge of geometric properties to this context with considerable effectiveness (e.g., combines geometry and algebra to explain context effectively) 	<ul style="list-style-type: none"> applies knowledge of geometric properties to this context with a high degree of effectiveness (e.g., combines geometry and algebra to explain context effectively in multiple ways)