

Name: _____

Date: _____

BLM 7.CP.1

Chapter 7 Problem Wrap-Up Rubric

Knowledge/Skills	Level 1	Level 2	Level 3	Level 4
Knowledge/Understanding <ul style="list-style-type: none"> Demonstrates understanding of difference in areas, costs, how to calculate volume Creates an accurate scale diagram 	Limited understanding of the difference between the areas, and how to calculate volume Creates a scale diagram to represent the original and new gardens with some errors	Some understanding of the difference between the areas, and how to calculate volume Creates a scale diagram to represent the original and new gardens with few errors	Demonstrates a general understanding of the difference between the areas, and how to calculate volume Creates a scale diagram to represent the original and new gardens that is mostly accurate	Demonstrates a thorough understanding of the difference between the areas, and how to calculate volume Creates an accurate scale diagram to represent the original and new gardens
Thinking <ul style="list-style-type: none"> Completes the problem 	Completes the problem with limited success	Completes the problem with moderate success with some assistance and achieves some reasonable answers	Completes the problem with considerable success with no assistance and achieves reasonable answers	Completes the problem successfully with no assistance and achieves the most reasonable answers
Communication <ul style="list-style-type: none"> Provides an explanation for parts d) and e) Provides a concluding statement and uses proper mathematical language and symbols 	Provides a limited explanation for d) and e) Provides limited concluding statements and use of symbols and proper units	Provides somewhat of a complete and clear explanation for d) and e) Provides somewhat complete and clear concluding statements and use of symbols and proper units	Provides a complete, clear, and concise explanation for d) and e) Provides complete, clear, and concise concluding statements and use of symbols and proper units	Provides a thorough, complete, clear, and concise explanation for d) and e) Provides thorough, complete, clear, and concise concluding statements, use of symbols and proper units
Application <ul style="list-style-type: none"> Uses formulas for area and volume to calculate the necessary measurements 	Limited use of the formulas for area and volume to calculate the necessary measurements	Some use of the formulas for area and volume to calculate the necessary measurements	Uses the formulas for area and volume to calculate the necessary measurements	Thoroughly uses the formulas for area and volume to calculate the necessary measurements

Comments:
