

Name: _____

Date: _____

BLM 7.CP.1

Chapter 7 Problem Wrap-Up Rubric

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

Comments:
