

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

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

**BLM 9.CP.1**

## Chapter 9 Problem Wrap-Up Rubric

Knowledge/Skills	Level 1	Level 2	Level 3	Level 4
<b>Knowledge/ Understanding</b> <ul style="list-style-type: none"> <li>Finds surface area and volume of cylinders</li> </ul>	Demonstrates limited understanding of finding surface area volume	Demonstrates some understanding of finding surface area volume	Demonstrates considerable understanding of finding surface area volume	Demonstrates thorough understanding of finding surface area volume
<b>Thinking</b> <ul style="list-style-type: none"> <li>Prepares and carries out plan to solve problem</li> </ul>	Needs extensive assistance to begin organizing a plan, and needs clearly laid out steps to follow	Needs some assistance to begin organizing a plan, and needs some steps to follow	Needs minimal assistance to organize and implement an effective strategy	Needs no assistance to organize and implement an effective strategy
<b>Communication</b> <ul style="list-style-type: none"> <li>Provides explanations and justifications using mathematical language</li> </ul>	Does not clearly explain or justify the solution; does not use correct mathematical language	Somewhat explains and justifies the solution using some mathematical language	Fully explains and justifies the solution using correct mathematical language	Fully explains and justifies the solution, and shows insight about the complexities of the solution using clear and precise mathematical language
<b>Application</b> <ul style="list-style-type: none"> <li>Interprets the information effectively</li> </ul>	Interprets the information ineffectively	Interprets the information somewhat effectively	Interprets the information with considerable effectiveness	Interprets the information with a high degree of effectiveness

**Comments:**

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