

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

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

**BLM 4.3.2**

# Achievement Check Rubric

Knowledge/Skills	Level 1	Level 2	Level 3	Level 4
<b>Knowledge/Understanding</b> <ul style="list-style-type: none"> <li>Develops an equation to represent temperature in terms of altitude</li> </ul>	Demonstrates limited understanding of equations	Demonstrates some understanding of equations	Demonstrates considerable understanding of equations	Demonstrates thorough understanding of equations
<b>Thinking</b> <ul style="list-style-type: none"> <li>Prepares and carries out a plan to solve the 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>Clear explanations and full justifications</li> <li>Correct use of mathematical language</li> </ul>	Maintains the correct units in parts of the solution  Does not clearly explain or justify solution	Maintains the correct units throughout most of the solution  Explains and justifies solution somewhat	Maintains the correct units throughout the solution  Explains and justifies solution fully	Maintains the correct units throughout the solution  Explains, justifies, and shows insight into the complexities of the solution
<b>Application</b> <ul style="list-style-type: none"> <li>Uses the formula to determine temperature or altitude</li> </ul>	Interprets the information ineffectively, and evaluates incorrectly	Interprets the information somewhat effectively, and evaluates parts correctly	Interprets the information with considerable effectiveness, and evaluates correctly	Interprets the information with a high degree of effectiveness, and evaluates correctly