

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

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

**BLM 3-12**

## Section 3.5 Achievement Check Rubric

| Category                                                                                                                                                          | Level 1                                                                                           | Level 2                                                                                            | Level 3                                                                                                              | Level 4                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Knowledge and Understanding</b> <ul style="list-style-type: none"> <li>Shows an understanding of mean and standard deviation.</li> </ul>                       | Shows little understanding of mean and standard deviation.                                        | Shows some understanding of mean and standard deviation.                                           | Shows an understanding of mean and standard deviation.                                                               | Shows a thorough understanding of mean and standard deviation.                                                       |
| <b>Thinking</b> <ul style="list-style-type: none"> <li>Prepares a plan to solve the problem.</li> <li>Carries out the plan.</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> | Does not clearly explain or justify solution. Uses survey terminology incorrectly.                | Explains and justifies solution somewhat. Uses survey terminology with some errors.                | Explains and justifies solution fully. Uses survey terminology correctly.                                            | Explains, justifies and shows insight into the complexities of the solution. Uses survey terminology correctly.      |
| <b>Application</b> <ul style="list-style-type: none"> <li>Interprets the data and what it indicates about the students.</li> </ul>                                | Interprets the information ineffectively and has difficulty applying data to the situation.       | Interprets the information somewhat effectively and has difficulty applying data to the situation. | Interprets the information with considerable effectiveness and has little difficulty applying data to the situation. | Interprets the information with a high degree of effectiveness and has no difficulty applying data to the situation. |