

Activity Sheet 3 for “The Snickerdoodle Mystery”

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Name: _____

1. The scientific method consists of 6 steps. Identify the order of the steps by matching the step number with the description of the step. Draw a line between the step number and the description.

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| Step 1 | Form a hypothesis or theory. |
| Step 2 | Communicate your results and take action if required. |
| Step 3 | Compare the hypothesis to the facts or evidence. |
| Step 4 | Gather facts or evidence. |
| Step 5 | State the problem. |
| Step 6 | Analyze your data and state your conclusion. |

2. Write the letter which describes an action you might take for the step of the scientific method given.

Step 1 _____ Step 2 _____ Step 3 _____ Step 4 _____ Step 5 _____ Step 6 _____

- A. Ask questions.
- B. Look at all the information you gathered and explain what you found.
- C. Write a paper describing what you did to reach your answer.
- D. Say clearly the question you want to answer.
- E. Check your notes and see if what you found supports your idea of the answer to the question.
- F. Think about what the possible answers are to the question you want to answer so you can answer the whole question including who, what, when, where, why, and how.