THE CHECKS LAB WORKSHEET

1. Tentative Explanation #1:

2. Tentative Explanation #2:

3. Tentative Explanation #3:

4. Final Tentative Explanation:

Questions for Discussion:
1. What bits of information on the checks were valuable to your group in formulating a tentative explanation?

2. What information was useless?

3. List any misleading information that was presented.

4. Why do we say that an explanation in science is “tentative”?

5. What’s another word for a “tentative explanation”?

6. Could your hypothesis become a theory? If so, how?

7. What’s the difference between a hypothesis and a theory?

8. Is your final hypothesis “correct”? Explain.

9. How could you “test” your hypothesis – i.e., what could you do to show your hypothesis is not correct?

10. Besides its being tentative and scientists collaborating, what other characteristic of science not often realized did you experience?