Name _____

Period _____

Penny Lab

Purpose : To see if a chemical reaction/chemical change has occurred.

Hypothesis: I think that the penny will change .....

Materials: Penny, steel wool, clay, cotton ball, vinegar, pipette, half of a Petri dish.

Method:

1. Make a before observation of the penny.
2. Use the steel wool to clean off any tarnish on the penny.
3. Wrap half of the penny in clay and place it in a bed of cotton in the Petri dish.
4. Cover the penny with the cotton and then squirt enough vinegar onto the cotton to soak it.
5. Place the Petri dish with the covered penny to the side of the lab table.
6. At least 24 hours later, make an after observation of the penny.

Results:

	Before	**After**
Penny		

Conclusion: Answer the following questions in complete sentences.

1. Why did we use vinegar?

2. Was there a chemical reaction on the penny? Why?

3. Why did the part of the penny under the clay not change colors?

4. Does this lab remind you of anything else?

5. What is another example of this chemical change?

Reaction: Write the chemical reaction for this experiment using the correct format.