

Name(s):

Core # \_\_\_\_ Date:

# How much water can a penny hold?

**Directions:** Choose one person to be your partner. Please follow the Scientific Method procedures we learned to work through today's lab.

1. **Question:** How many drops of water will a penny hold?
2. **Hypothesis:** WE believe the penny will hold:  
### (Heads) \_\_\_\_\_ (Tails) \_\_\_\_\_  
Because ?????? \_\_\_\_\_
3. **Procedure (Experiment):** Place a penny face down (heads down first) on your table. Carefully fill the pipet with water from the cup at your table. Then release one drop of water at a time on the top of the penny. Count the number of drops until the water goes over the edge.
4. **Results (Data):** Please record your results in the correct spaces below.

	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5	Average
Tails						
Heads						

5. **Analysis:** Do your answers make sense? Yes or No, and explain why?
6. **Conclusion:** **On the back** of this sheet in your own words summarize this lab in 3 or more sentences.
7. **Further Questions:** **On the back** of this sheet explain how your numbers would be different if you used a dime, quarter, or half dollar.
8. **Communication:** Who might be interested in your findings?