Name:_____
Lab Partner's Name:_____
Date:_____
Class Period_____

Penny Lab

Objectives:

To determine how much water a penny will hold.
To determine if one side of a penny will hold more water than the other.

Hypothesis:
Answer the following two questions to form your hypothesis.

1. I think that a penny will hold _____ drops of water.

2. I think that:
a. the heads side will hold more water
b. the tails side will hold more water
c. both sides hold equal amounts

Materials:

Penny	Water
Water Dropper	Colored Pencils
Plastic Cup	Ruler
Paper towel	Calculator

Procedure:
Begin with the HEADS side of the penny. Place as many drops of water on the penny as it will hold before it spills over onto the table. Hold the dropper a little above the penny, and do NOT touch the dropper to the water. After the water has spilled over onto the table, record the number of drops that penny hold. Do not include the last drop that spilled over. Dry off the penny and record the number in the table. Repeat procedure again four more times with the head of the penny, and then complete the same procedure five times with the TAILS side.

Data:
Complete the following data table as you do the lab.

	Heads	Tails
1		
2		
3		
4		
5		
Total		
Average		

Conclusion:
Write a conclusion at least three sentences long. You must include if your hypothesis were correct.

_____

_____

_____

_____

_____

Graph:

On Graph paper create a line graph. Heads should be represented by one colored line. Tails should be a different colored line. Make sure the graph and both axis have a label. Also, create a scale for both lines.