

Name _____



Penny Drops

Question: How many drops of water will a penny hold?

Hypothesis: I think a penny will hold _____ drops of water.

Materials:

Penny	Eyedropper	Water
-------	------------	-------

Procedure:

1. Put the penny on a flat surface.
2. Use the eye dropper to drop water on the penny, one drop at a time.
3. Count the number of drops until the water spills over the edge of the penny.
4. Record your data.
5. Repeat steps 1 -4 for a total of 5 trials.

Data:

Number of drops of water held by a penny	
TRIAL	NUMBER OF DROPS
1	
2	
3	
4	
5	

Data Analysis:

Did you get the exact same data each time you performed the investigation? Why or why not?

Compare your results to the results of your classmates. Did everyone in the class get the same results? Why or why not?

What type of things might have been changed from group to group to cause the differences in data?

Conclusion questions:

1. Things that may change during an experiment are called

2. Things that are kept from changing during an experiment are called
