

# The Penny Lab



## Purpose

In this activity you will investigate the properties of water.

## Problem

How many drops of water will fit onto the Lincoln side of a penny.

## Hypothesis

If... then... format.

## Materials

Penny, pipet, paper towel, small cup, water

## Procedure

1. Your task today is to guess how many drops of water will fit onto the Lincoln side of a penny.
2. Place your penny on your paper towel.
3. Using your pipet, add drops of water to your penny.
4. Count each drop until the water spills off the penny.
5. Record your results on the data table.
6. Repeat the trial twice more and record your results.
7. Average your three trials and record.

## Data

Trial 1	Trial 2	Trial 3	Average
_____ drops	_____ drops	_____ drops	_____ drops

## Conclusion Questions

1. List four possible reasons that the actual number of drops for each experimenter was similar or dissimilar.
2. What was the property of water that caused it to "stick" together during the activity? Describe how this property functions.
3. What was the property of the water that caused it to "stick" to the penny during the activity? Describe how this property functions.