

Introduction:

The purpose of this lab is to let student experience and understand the actual lab analytical Chemist participate. In this lab we will solve problems by making accurate measurements and applying mathematics.

Materials:

- Plastic Cup
- Balance
- Calculator
- Water
- Pen & Pencil
- Paper
- Penny before 1982
- Penny after 1982
- Small-scale pipet
- Aluminum can

Methods:

Step 1: Measure the mass of the plastic cup by balance.

Step 2: Add 50 drops of water from the small-scale pipet in 50-degree angle to one of the plastic cup and then measure its mass by balance.

Step 3: Add 50 drops of water from the small-scale pipet in 45-degree angle to one of the plastic cup and then measure its mass by balance.

Step 4: Add 50 drops of water from the small-scale pipet in 0-degree angle to one of the plastic cup and then measure its mass by balance.

Step 5: Use information that we found from the lab and experiment above to calculate and come out an answer for the best degree for dropping water.

Step 6: Use a balance to Measure the mass of the penny before 1982