

The Water Lab - H₂O

Purpose: To determine the number of molecules in a mouthful of water

Materials: Water
Balance
Cup

Procedure: -Fill a cup with water
-Weigh the cup and water
-Drink one mouthful of water
-Reweigh the cup

Observations: mass of cup and water initially _____
mass of cup and water after drinking _____
mass of water swallowed _____
molar mass of water _____
moles of water swallowed _____
number of molecules per mole _____
number of molecules swallowed _____

Calculations:

Conclusion: