

Name _____

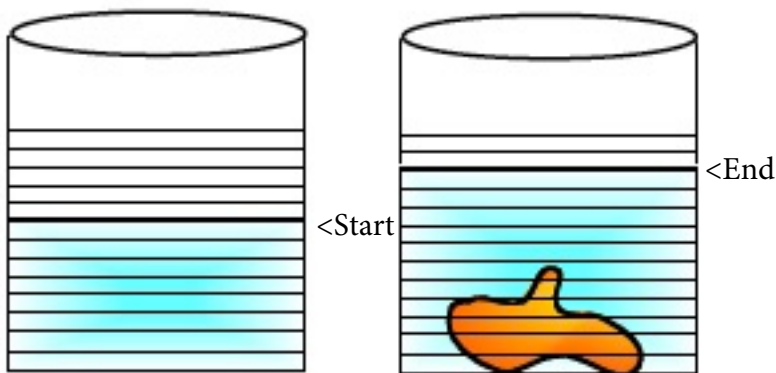
Rock and Mineral Data Sheet

Weighing your rock or mineral sample:

- Make sure the scale is set to ZERO to start.
- Place your rock or mineral sample in the center of the electronic scale.
- Add 10 gram and 1 gram weights until the scale is balanced.
- Record the weight in grams
- My rock or mineral sample weighs _____grams

Measuring the volume of your rock or mineral sample:

- Though your rock or mineral is not a perfectly geometric shape, we can still measure volume or how much space it takes up. **An object displaces its volume when it is submerged in a liquid.** Place a mark at the water level. Place your rock into the water. The rock must be totally under water. Mark the new water level. Remove the rock and carefully measure how much water it takes to bring the water level back up to the mark.



Ending level _____

Starting level _____

Volume of rock. _____cc

ml= milliliter = cc = cubic centimeters

Density is the weight divided by the volume. What is the density of your rock.

weight / volume = Density

Density of rock. _____gr/cc