

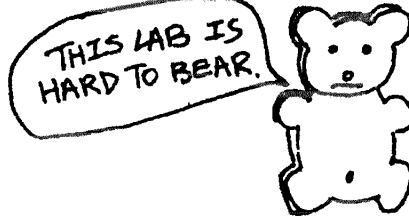
Your Name: _____

Period: _____

Date: _____

Others in Your Group: _____

Gummy Bear Lab



Problem: What will happen to a gummy bear when you put it in water over night?

Hypothesis: _____

Materials: gummy bears (large and small), graduated cylinders, ruler, balance, water, cup

Procedure:

1. Record your name and the size (large or small) and color of your gummy bear in the first row of your table. Also record the data for all the other members of your group.
2. Measure the length, width, and height of your bear in millimeters (mm).
3. Calculate the bear's volume. It's approximately a rectangular prism.
Volume = Length x Height x Width
4. Measure the mass with a balance in grams (g).
5. Calculate the density of the bear
Density = Mass / Volume
6. Put the bear in a cup of water. Label it with your name and group number.
7. Repeat the measurements carefully on the second day and record the data in the Table 2.

Data/Observations:

Table 1 - Day 1 - Before Soaking in Water

Name	Size (Lg/Sm)	Color	Length (mm)	Height (mm)	Width (mm)	Volume (mm ³)	Mass (g)	Density (g/mm ³)

