

Name: _____

Date: _____

Everyday Measurements

Below, write everything you already know about Surface Area and Volume?

Group's Item for investigation: _____

Answer the question below with pen.

What do you predict will be the difference between the volume and the surface area of your item? Will one value be larger than the other? *(Include units)*

Why?

GATHER SOME DATA!

As a class we will label each row and column of the table below. Record your item's measurements and your classmates' item's measurements in the table. *(Be sure to include units.)*

Have one of your group members put your item's measurement in the table on the board.

Name: _____

Date: _____

Focusing just on your item's measurements, what do you observe about the difference between the volume and surface area?

Now, copy down all of the class data from the board into the table below. (*Include your data as well.*)

Looking at all of the class' data, what do you observe about the relationship between surface area and volume? Provide evidence for your reasoning.

Now let's discuss our findings!

Assignment Due: In five to ten sentences summarize your findings from this investigation. Use complete sentence and include evidence to support your argument.