

Name:

Period:

LAB 8.2 – CARTESIAN DIVER (PART II)

BACKGROUND

You have observed the Cartesian Diver at work and you have developed a hypothesis about how it operates. Now you must design an experiment to test your hypothesis. Pages R28 – R35 in your textbook have information that may be helpful to you.

PROBLEM

You will write a formal lab experiment, similar to the labs you see regularly in class, that tests your hypothesis about the Cartesian Diver.

You will work closely with your lab partner to develop an experiment that will yield **quantitative** results about the Cartesian Diver that either supports or refutes your hypothesis.

MATERIALS

- ◆ You will create a materials list. You have access to the lab equipment you would normally use in lab.

PROCEDURE

1. You will write the procedure.

DATA

You will collect and organize your data.

You are expected to have a data table and a graph

RESULTS

You will write the results of your experiment. Be sure to explain what the data shows and how it supports or refutes your hypothesis.