Buoyancy expert group experiment

Question: How much mass must be added to sink a buoyant object?

Hypothesis:

Buoyancy experiment procedures: *www.wikihow.com/Calculate-Buoyancy*

Measure and calculate the buoyant force on a floating object, such as a sealed water bottle or test tube. Calculate how much mass must be added to make the object sink, and then test your prediction. Force is measured in Newtons, and 9.8 Newtons = 1 kg. A second experiment is to make a small “boat” out of tinfoil or other similar material, determine the amount of water that is displaced, and then calculate the amount of mass (pennies) needed to make it sink. Finally, test by adding mass to the “boat” to see if your calculated mass is equal to the experimental mass. Create a data table to show buoyancy, calculated mass values, and experimental mass values.