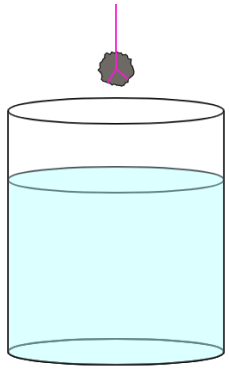
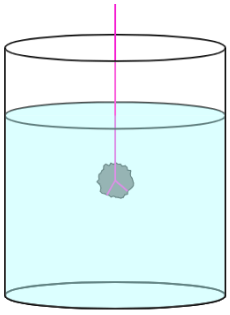
Determining Density of a Rock

Step 1: Below is a picture of your rock above a beaker of fluid. Fill in the values given to you in the program and then use the space next to the picture to neatly calculate the mass of the rock in kg



Step 2: Fill in the value for the tension in the rope when the rock is fully submerged in the fluid but not touching the sides or bottom of the beaker. Give the force buoyancy below and explain how and why you got that value



Step 3: Show your calculation of the volume of the rock and the conversion of this answer into mL.

Step 4: Show the calculation for the density of the rock in kg/m^3. Enter your answers in the program to verify that you did everything correctly