

HOMEWORK. SHOW ALL WORK.

- 1) What is the density of 20.2 ml of a liquid which weighs 64.95 grams.
(Write the formula for Density. Circle and label the quantities given. Plug them into the formula. Solve for the unknown. Don't forget the unit!)
- 2) What is the mass of 10 ml of a liquid having a density of 2.15 g/ml ?
- 3) What is the volume of 25 g of a solid that has a density of 15.37 g/ml ?
- 4) How much does a 18.0 cm^3 sample of pure silver weigh? Refer to Table **S** to find the density of silver, and then calculate its mass.