



6. Calculate the density of sulfuric acid (in g/mL) if 0.354 L of the acid weighs 65.14 g.
7. What is the mass in milligrams of 567 mL of mercury.? The density of mercury is 13.6 g/mL.
8. What is the volume in mL of 5.5 kg of ethyl alcohol? The density of ethyl alcohol is 0.789 g/mL.
9. A 12.4 pound piece of metal has a volume of 2.1 quarts. What is the density of the metal in g/mL? Would the metal sink or float in water?