1. What is the density of CO2(g) at STP?
2. What is the volume of a 5.20 mol sample of CO gas (d = 0.00115 g/mL)?
3. How many molecules of ethanol, CH3CH2OH, are there in a 50.0 mL sample (d = 0.790 g/mL)?
4. What is the volume of 5.00 x 1023 atoms of silver (d = 10.49 g/mL)?