Mole Quiz

1. How many oxygen molecules are in 3.36 L of oxygen gas at STP?

2. Find the mass in grams of 2.00 x 1023 molecules of F2.

3. Determine the volume in liters occupied by 14 g of nitrogen gas (N2) at STP.

4. Find the mass, in grams, of 4.50 x 1023 molecules of Magnesium Bromide..

5. How many particles are there in 1.43 g of a molecular compound with a molar mass of 233 g?