Mole Quiz

1. How many oxygen molecules are in 8.85 L of oxygen gas at STP?

2. Find the mass in grams of 4.50 x 1024 molecules of F2.

3. Determine the volume occupied by 280 g of nitrogen gas (N2) at STP.

4. Find the mass, in grams, of 2.50 x 1023 molecules of Calcium Chloride..

5. How many particles are there in 21.65 g of a molecular compound with a molar mass of 255 g?