

5. What is the mass of 1 mole of chlorine?

6. How many kg of a fertilizer made of pure P_2O_5 would be required to supply 1 kg of phosphorus to the soil?

7. A sample of Freon contains 0.423 g C, 2.50 g Cl, and 1.34 g F. What is the empirical formula of this compound?

Chemical Formulas and Composition

CHM 1311.003 - Practice Questions

1. How many grams of Ag are in 0.34 mole of Ag? How many atoms of Ag?
2. How many atoms of Cu are in 38 g of Cu?
3. How many moles of Fe atoms are in 1 mol of Fe_2O_3 ? How many g of Fe?
4. How many moles of Al atoms are needed to combine with 1.58 mol of O atoms to make aluminum oxide, Al_2O_3 ?