Non Sibi High School

Andover's Chem 250: Introductory/Basic Chemistry

Chapter 2, Review Quiz 1

1

Convert the following:

   a. 0.040 milligrams neon to number of neon atoms

   b. 7.43×10^{25} magnesium atoms to kilograms magnesium

2

What is the mass in milligrams of 1.24×10^{21} molecules of $C_2H_4(NH_2)_2$?

3

How many molecules are in 0.75 kilograms of $C_{12}H_{22}O_{11}$? How many carbon atoms are in this sample?