

Lesson 79: More Mole Problems

Chemistry with Lab

How many atoms are contained in 3.46 moles of magnesium?

Convert 256.3 g sodium carbonate to formula units.

What is the mass of 12.4 molecules of carbon tetrachloride?

How many moles are contained in 0.43 g Al_2O_3 ?

The number of silicon atoms in 42.1 g of silicon is _____.

11.6 g of CuCl_2 = _____ moles CuCl_2 .

Convert 2.76 g Se to moles Se.

Lesson 79: More Mole Problems (cont.)

Chemistry with Lab

What is the mass in grams of 9.31×10^{21} atoms of carbon?

2.86 f.u. MgO = _____ moles MgO.

How many grams of sodium is equal to 6.92×10^{21} atoms of sodium?

The mass of 3.55 moles of NaCl is _____.

BONUS

What is the mass, in kilograms, of a 2.46×10^{20} formula units of barium chloride?