

The Mole

What is the difference between "molar mass" and "atomic mass"?	
How many moles are present in 27 grams of $\text{Cu}(\text{OH})_2$?	
How many moles are present in 2.45×10^{24} molecules of CH_4 ?	
How many grams are there in 3.4×10^{24} molecules of NH_3 ?	
How much does 2.4 moles of $\text{Ca}(\text{NO}_3)_2$ weigh?	
What is the molar mass of MgO ?	
How many molecules are there in 41 grams of FeF_3 ?	
How many molecules are there in 225 grams of Na_2SO_4 ?	
How many grams are there in 2.3×10^{23} atoms of silver?	
How many grams are there in 7.4×10^{23} molecules of AgNO_3 ?	