

Name _____ Date _____

Mole Calculation

How many grams are in 8.2×10^{22} molecules of N_2I ?

How many molecules are in 25 grams of NH_3 ?

How many moles are in 3.4×10^{23} molecules of H_2SO_4 ?

How much does 2.18 mol of Cu weigh?

How many moles of Na are in 42 g of Na?

How many atoms are in 36 g of bromine?

How many moles are in 1.0×10^6 atoms?

How many moles of O are in 8.25 g of O?

How many moles of CO molecules are in 52 g of CO?

How many atoms are in 7.2 mol of chlorine?

What is the mass of 0.28 mol of iron?

What is the mass of 1.20×10^{25} atoms of sulfur?

How many molecules are in 23 moles of oxygen?