

Topic #3: Amount of a Substance

Content

Relative masses of atoms and molecules

The mole, the Avogadro constant

Relative atomic masses, A_r , and relative molecular masses, M_r

Reacting masses (stoichiometry) and volumes. Volumetric analysis

Step 1

Read it



Moles

Step 2

Watch it.....



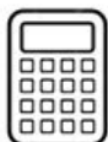
Stoichiometry

Stoichiometry: Limiting Reagent

The Mole and Avogadro's Number

Step 3

Calculate it



Moles, Mass and Number of Particles

The Mole

Stoichiometry

Volumetric Analysis

Step 4

Test it



Amount of a Substance: [Test 1-3/ Answers 1-3](#)

Step 5

Revise it



The Mole