

CLASS 11

CHEMISTRY

REVISION NOTES

Class 11 Chemistry Chapter 1 Some Basic Concepts of Chemistry – Revision Notes

Quick revision notes for Class 11 Chemistry Chapter 1 (Some Basic Concepts of Chemistry). These Class 11 Chemistry Chapter 1 notes are ideal for quick revision just before exams.

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Quick revision notes for Class 11 Chemistry Chapter 1 (Some Basic Concepts of Chemistry). These Class 11 Chemistry Chapter 1 notes are ideal for quick revision just before exams.

Laws of Chemical Combination

Conservation of mass; Constant proportions; Multiple proportions.

Mole Concept

1 mole = 6.022×10^{23} particles (N_A).

$n = \text{mass} / \text{molar mass} = \text{particles} / N_A$.

Concentration Terms

Molarity = mol solute / L solution.

Mass % = $(\text{mass solute} / \text{mass solution}) \times 100$.

Mole fraction = mol component / total mol.

Stoichiometry

Limiting reagent: reactant consumed first, determines max product.

One-Line Summary

This chapter establishes the mole concept and stoichiometric calculations that underpin all quantitative chemistry, from balancing equations to determining empirical formulas.

Class 11 Chemistry Chapter 1 – Solutions and Important Questions

Need full answers or more practice? See the [Class 11 Chemistry Chapter 1 Solutions](#) and [Class 11 Chemistry Chapter 1 Extra Questions](#).

See also: [Chapter 1](#)

Practice more: [Chapter 1](#)