

Number System (Numeration)

Chapter 1: Number System (Numeration) · Topic 1

Key Concept

Numbers are represented using ten digits (0-9), and their position in a number determines their value, called place value.

We use the Hindu-Arabic numeral system, where each place (ones, tens, hundreds) represents a power of 10.

Understanding numeration also involves reading and writing numbers correctly in words and figures.

A strong grasp of the number system forms the foundation for all other mathematical operations and concepts.

Quick Revision Notes

- Numbers use ten digits (0-9).
- Position determines a digit's value (place value).
- We use the Hindu-Arabic numeral system.
- Places represent powers of 10: ones, tens, hundreds.
- Numeration involves reading and writing numbers.
- This applies to both words and figures.
- Number system knowledge is foundational.
- It supports all other maths operations.

Practice Questions

- 1 Write the place value of each digit in 4,567.
- 2 Practice reading five numbers aloud.
- 3 Write three numbers in words.
- 4 Discuss why place value matters.
- 5 Compare two numbers using place value.
- 6 Write numbers from 1 to 20 in the Hindu-Arabic system.