

Place Value

Chapter 4: Place Value · Topic 1

Key Concept

In a number like 4,532, each digit has a place value: 4 is thousands (4000), 5 is hundreds (500), 3 is tens (30), and 2 is ones (2).

Understanding place value helps us read, write, and compare numbers accurately, especially larger numbers.

The same digit can have different values depending on its position - the '5' in 512 is different from the '5' in 5,120.

Place value knowledge is essential for performing arithmetic operations like addition, subtraction, multiplication, and division correctly.

Quick Revision Notes

- Place value is a digit's value based on position.
- In 4,532: 4=thousands, 5=hundreds, 3=tens, 2=ones.
- Place value helps read and compare numbers.
- The same digit has different values in different positions.
- 5 in 512 differs from 5 in 5,120.
- Place value is essential for arithmetic.
- It applies to addition, subtraction and more.
- Strong place value understanding builds maths skills.

Practice Questions

- 1 Write the place value of each digit in 7,894.
- 2 Compare 3,456 and 3,465 using place value.
- 3 Discuss why the position of a digit matters.
- 4 Write a number where 7 has a place value of 700.
- 5 Solve an addition problem, showing place value understanding.
- 6 Explain place value to a younger student.