



Subtraction of 4-digit Numbers (Without Borrowing)

Understanding the Topic

In 4-digit subtraction, we subtract numbers with four digits.

Without borrowing means that in each place value (ones, tens, hundreds, thousands), the number on the top is greater than or equal to the number below it.

This makes subtraction easier as we do direct subtraction without taking or borrowing from another digit.

How to Subtract 4-digit Numbers Without Borrowing

- Start subtracting from the ones place, then tens, hundreds, and thousands.
- Since borrowing is not needed, we simply subtract digit by digit.
- Keep the digits aligned properly while subtracting.

Steps to Follow

Step 1: Write the numbers in columns according to place value.

Step 2: Subtract digits starting from the rightmost (ones) place.

Step 3: Write the result for each place value.

Step 4: Read the final answer from left to right.

Examples with Solutions

Example 1

Problem: Subtract 4321 from 7654

Solution:

$$7654 - 4321 = 3333$$

Answer: The difference is 3333

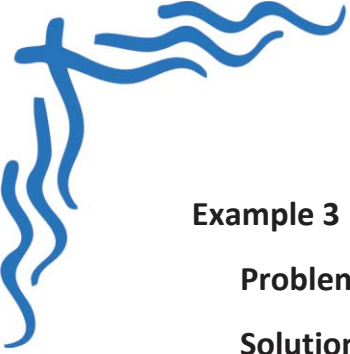
Example 2

Problem: Subtract 1234 from 5678

Solution:

$$5678 - 1234 = 4444$$

Answer: The difference is 4444



Example 3

Problem: Subtract 2143 from 4987

Solution:

$$4987 - 2143 = 2844$$

Answer: The difference is 2844

Example 4

Problem: Subtract 3052 from 6793

Solution:

$$6793 - 3052 = 3741$$

Answer: The difference is 3741

Example 5

Problem: Subtract 1421 from 7852

Solution:

$$7852 - 1421 = 6431$$

Answer: The difference is 6431

Summary Points

- Subtraction without borrowing is simple and direct.
- Always subtract from right to left (ones to thousands).
- Make sure the top digit is greater than or equal to the bottom digit in every column.
- Proper alignment of digits is important to avoid mistakes.
- Practice makes subtraction of large numbers easier and faster.