Adding 3-digit Numbers (With Carrying)

Understanding the Topic

When we add 3-digit numbers, sometimes the sum of the ones or tens place becomes more than 9. In such cases, we carry over the extra value to the next column. This is called carrying or regrouping. We always start adding from the ones place, then move to tens, then hundreds

How to Add 3-digit Numbers With Carrying

Step 1: Write the numbers in columns (hundreds, tens, ones)

Step 2: Add the ones place. If the sum is 10 or more, write the ones digit and carry the tens digit

Step 3: Add the tens place, including the carry. If it's 10 or more, carry to the hundreds

Step 4: Add the hundreds place, including any carry

Step 5: Write the final answer clearly

Examples with Solutions

Example 1:

Add: 263 + 458

Ones: $3 + 8 = 11 \rightarrow$ Write 1, carry 1

Tens: $6 + 5 + 1 = 12 \rightarrow$ Write 2, carry 1

Hundreds: 2 + 4 + 1 = 7

Answer: 263 + 458 = 721

Example 2:

Add: 374 + 289

Ones: $4 + 9 = 13 \rightarrow$ Write 3, carry 1

Tens: 7 + 8 + 1 = 16 \rightarrow Write 6, carry 1

Hundreds: 3 + 2 + 1 = 6

Answer: 374 + 289 = 663

Example 3:

Add: 415 + 326

Ones: $5 + 6 = 11 \rightarrow$ Write 1, carry 1

Tens: 1 + 2 + 1 = 4

Hundreds: 4 + 3 = 7

Answer: 415 + 326 = 741

Example 4:

Add: 586 + 437

Ones: $6 + 7 = 13 \rightarrow$ Write 3, carry 1

Tens: $8 + 3 + 1 = 12 \rightarrow$ Write 2, carry 1

Hundreds: 5 + 4 + 1 = 10

Answer: 586 + 437 = 1023

Example 5:

Add: 319 + 284

Ones: $9 + 4 = 13 \rightarrow$ Write 3, carry 1

Tens: $1 + 8 + 1 = 10 \rightarrow$ Write 0, carry 1

Hundreds: 3 + 2 + 1 = 6

Answer: 319 + 284 = 603

Summary Points

- Start addition from the ones place and move left
- If the total is 10 or more, carry the extra digit to the next place
- Always add the carry to the next column
- Write numbers in proper column form: H T O
- With practice, carrying becomes easier and quicker