Comparing 3-digit numbers

Understanding the Topic

Comparing numbers means checking which number is greater, smaller, or if they are equal. We compare numbers to arrange them or to find the biggest or smallest. 3-digit numbers are compared by looking at their hundreds, tens, and ones

We use these symbols:

- \> means greater than

- < means less than

- = means equal to

How to Compare 3-digit Numbers

Step 1: First, compare the hundreds digit

Step 2: If hundreds are the same, compare the tens digit

Step 3: If tens are also the same, compare the ones digit

Step 4: Use the correct symbol: >, <, or =

Examples with Solutions

Example 1:

Compare: 425 and 318

Hundreds: 4 > 3

Answer: 425 > 318

Example 2:

Compare: 701 and 709

Hundreds: 7 = 7
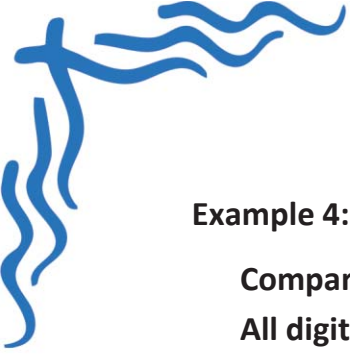
Tens: 0 = 0

Ones: 1 < 9

Answer: 701 < 709

Example 3:

Compare: 563 and 536

Hundreds: 5 = 5

Tens: 6 > 3

Answer: 563 > 536

Example 4:

Compare: 280 and 280

All digits are equal

Answer: 280 = 280

Example 5:

Compare: 890 and 899

Hundreds: 8 = 8

Tens: 9 = 9

Ones: 0 < 9

Answer: 890 < 899

Summary Points

- Always start comparing from the hundreds place

- Use >, <, or = to show the result

- If digits are the same, move to the next place

- Comparing helps in sorting and arranging numbers

- Practice helps in quick and correct comparisons