Ascending and Descending Order

Understanding the Topic

Ascending order means arranging numbers from smallest to biggest. Descending order means arranging numbers from biggest to smallest. These help us to organize numbers clearly and compare them easily. We use place value (hundreds, tens, ones) to check which number is bigger or smaller

How to Arrange Numbers in Order

- Step 1: Look at all the numbers given
- Step 2: Compare their hundreds digit first
- Step 3: If hundreds are same, compare tens, then ones

Step 4:

- For ascending order, start from the smallest number
- For descending order, start from the biggest number

Examples with Solutions

Example 1:

Arrange in ascending order: 412, 389, 621

Solution: 389, 412, 621

Answer: Ascending order is 389, 412, 621

Example 2:

Arrange in descending order: 745, 812, 698

Solution: 812, 745, 698

Answer: Descending order is 812, 745, 698

Example 3:

Arrange in ascending order: 250, 150, 350

Solution: 150, 250, 350

Answer: Ascending order is 150, 250, 350

Example 4:

Arrange in descending order: 900, 880, 920

Solution: 920, 900, 880

Answer: Descending order is 920, 900, 880

Example 5:

Arrange in ascending order: 305, 309, 301 Solution: 301, 305, 309 Answer: Ascending order is 301, 305, 309

Summary Points

- Ascending order goes from small to big
- Descending order goes from big to small
- Use place value to compare the digits
- Arranging numbers helps in sorting and understanding number size
- Always check from hundreds, then tens, then ones