Expanded Form

Understanding the Topic

- **Expanded form** means breaking a number into parts to show the value of each digit
- We split the number into **Tens** and **Ones**
- This helps us understand what each digit means
- Example: In 42,
- 4 is in the Tens place → 40
- 2 is in the Ones place → 2
- So, 42 = 40 + 2
- We read the number as a **whole** and then show it in **parts**

5 Examples with Solutions

Example 1

Number: 56

- Tens = 50
- Ones = 6
  Expanded form: 56 = 50 + 6

Example 2

Number: 89

- Tens = 80
- Ones = 9
  Expanded form: 89 = 80 + 9

Example 3

Number: 20

- Tens = 20

- Ones = 0
  Expanded form: 20 = 20 + 0

Example 4

Number: 73

- Tens = 70
- Ones = 3
  Expanded form: 73 = 70 + 3

Example 5

Number: 41

- Tens = 40
- Ones = 1
  Expanded form: 41 = 40 + 1

Summary Points

- **Expanded form** shows a number as a sum of **Tens and Ones**
- Helps to understand **place value**
- Each digit has a **meaning** based on where it is
- Easy way to break big numbers into smaller parts
- Example: 64 = 60 + 4