



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 $\rightarrow 40$
- 2 is in the Ones place $\rightarrow 2$
- 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

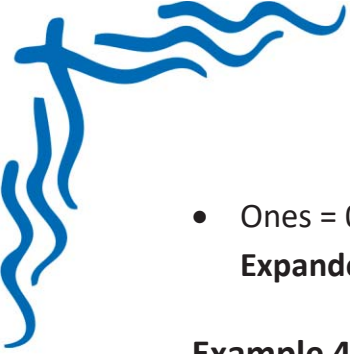
- Tens = 80
- Ones = 9

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: $64 = 60 + 4$