



Understanding Three-Digit Numbers

Today's Standard

2.NBT.A1 - Understand that the three digits of a three-digit number represent amounts of hundreds, tens, and ones; e.g., 706 equals 7 hundreds, 0 tens, and 6 ones. Understand the following as special cases:

Cues	Notes
What is place value?	Place value is the value of a digit based on its position in a number.
How does the position of a digit affect its value?	The position of a digit determines whether it represents units, tens, or hundreds.
Why is zero important in a number?	Zero acts as a placeholder in a number, indicating the absence of a particular place value.
What are examples of three-digit numbers?	Examples: 706 (7 hundreds, 0 tens, 6 ones), 450 (4 hundreds, 5 tens, 0 ones).
How can we use place value charts?	Place value charts help us visualize and understand the value of each digit in a number.

Summary

Understanding place value is key to grasping the value of digits in three-digit numbers. Each position (hundreds, tens, ones) determines the digit's value, and zero serves as an important placeholder.