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:

Real-World Applications for this Standard

Counting money using bills and coins.; Reading and writing numbers in a place value chart.; Comparing the population of different towns.; Understanding distances in meters or kilometers.; Reading the number of pages in a book.

Today I Learned

Today, we learned about three-digit numbers and how each digit has a different value based on its position. For example, in 706, the 7 is in the hundreds place, the 0 is in the tens place, and the 6 is in the ones place.

Common Stumbling Blocks

Some kids might think that the position of a digit doesn't change its value. Others might get confused about what zero means in a number. Zero is important because it shows that there are no tens in 706, for example.

Quiz Me

- What does the 7 in 706 mean?

- How many tens are in 706?

- What is the value of the 6 in 706?

- What happens if we add 100 to 706?

- Can you write 706 in words?

Help Me

Three-digit numbers are all around us! For example, if you have 706 pennies, you have 7 groups of 100 pennies, no groups of 10 pennies, and 6 single pennies. Understanding this helps us count and use numbers in real life.