Read About Numbers in Expanded & Word Form (3-Digit Numbers)

WHAT IS WRITING NUMBERS IN DIFFERENT FORMS?

You can write numbers in different forms. Expanded form means writing the number so you show the value of each digit. Word form means writing the number with words instead of numerals.

To better understand numbers in expanded & word form...

LET'S BREAK IT DOWN!

Review Place Value.

Place value is the value of a digit based on its position in a number. 246 is 2 hundreds, 4 tens, and 6 ones.
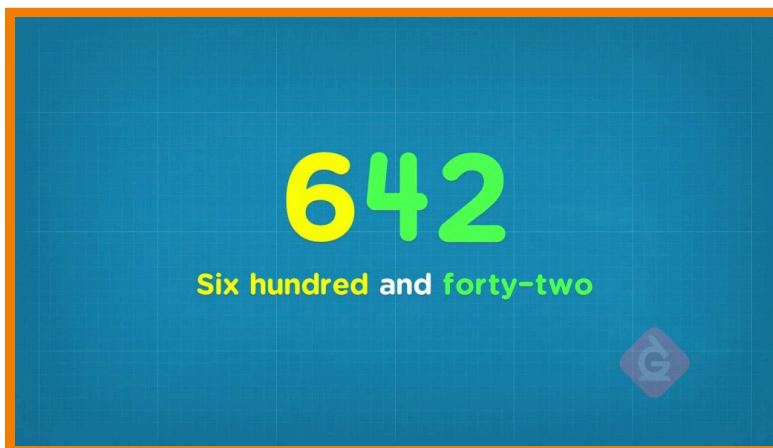
Write Numbers in Expanded Form.

Expanded form is a way to write a number that shows the value of each digit. In 425, the value of 4 is 400. The value of 2 is 20. The value of 5 is 5. In expanded form, 425 is 400 + 20 + 5.

Write Numbers in Word Form.

You can also write numbers with words. Word form represents how you say a word when you read it out loud. In word form, 642 is "six hundred forty-two." 214 is "two hundred fourteen."

Write Expanded Form with Zeroes.

Sometimes numbers have a 0 in them. 305 is 3 hundreds, 0 tens, and 5 ones. 305 in expanded form is 300 + 5. The expanded form doesn't show tens as there are 0 tens. 450 is 4 hundreds, 5 tens, and 0 ones, or 400 + 50.

Reading Numbers with Zeroes.

There are no tens in 305. When reading 305, you say "three hundred five". There are no ones in 450. When reading 450, you say "four hundred fifty."

609
Six hundred nine

Numbers	Symbols used to show how many of something you have.
3-digit number	A 3-digit number is a number that has digits only in the hundred, tens, and ones places.
Place value	The value of a digit based on its position in a number.
Standard form of a number	The form of a number that uses only digits to show the value. For example, 631.
Expanded form	Another way to show the value of each digit in a number. To write a number in expanded form, write it as the sum of the values of its digits. For example, 631 = 600 + 30 + 1.
Word form	The name of a number. For example, the word form of 631 is six hundred thirty-one.

NUMBERS IN EXPANDED & WORD FORM (3-DIGIT NUMBERS) DISCUSSION QUESTIONS

How do you write a 3-digit number in expanded form?

Write the value of each digit. Then add them together. For example, in 123, the 1 represents a value of 100, the 2 represents a value of 20, and the 3 represents a value of 3. Add the values

together to get the expanded form, 100 + 20 + 3.

How do you write a 3-digit number in word form?

First, write the number of hundreds using words. Then, write the name of the number after the hundreds place. For example, 123 has a 1 in the hundreds place, so write "one hundred." Then write the number after the hundreds place, "twenty-three." In word form, 123 is one hundred twenty-three.

What is 197 in expanded form and word form?

100 + 90 + 7; one hundred ninety-seven

What is 310 in expanded form and word form?

300 + 10; three hundred ten

What is nine hundred six in expanded form and standard form?

900 + 6; 906