



Math Virtual Learning

# 4th Grade Number Sense Routines/Word Problem

April 7, 2020



4th Grade Math  
Lesson: April 7, 2020

**Learning Target:**  
Read and write numbers up to 1,000,000.

## Background: This is a review from Quarter 1

- Read, write and identify multi-digit whole numbers up to one million using number names, base ten numerals, and expanded form.

### Let's Get Started:

Watch Videos:

1. [Place Value Warm-up Song](#)
2. [Expanded Form](#)

# Review of standard, written, and expanded forms:

Word Form	Standard Form	Expanded Form
One million, two hundred twenty-three thousand, nine	1,223,009	$1,000,000 + 200,000 + 20,000 + 3,000 + 9$
Forty-three thousand, nine hundred seventy-one	43,971	$40,000 + 3,000 + 900 + 70 + 1$
Sixty-three thousand, five hundred eighty-nine	63,589	$60,000 + 3,000 + 500 + 80 + 9$

## Practice #1:

Write this number in the three forms.

1,876,352

Standard form:

Word form:

Expanded form:

Did you remember a comma between the hundreds and thousands place? Between the hundred thousands and millions place?

## Practice #1:

Write this number in the three forms.

1,876,352

Standard form: 1,876,352

Word form: One million, eight hundred seventy-six thousand, three hundred fifty-two

Expanded form:  $1,000,000 + 800,000 + 70,000 + 6,000 + 300 + 50 + 2$

## Practice #2:

Write this number in the three forms.

3,074,256

Standard form:

Word form:

Expanded form:

## Practice #2:

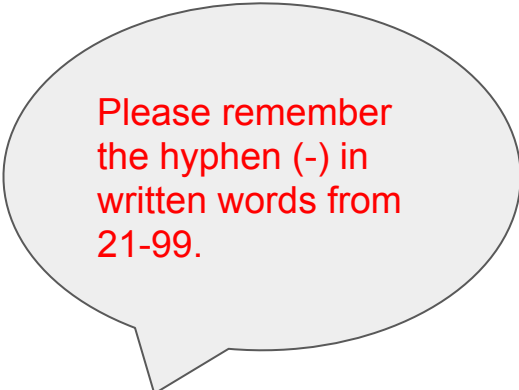
Write this number in the three forms.

3,074,256

Standard form: 3,074,256

Word form: Three million, seventy-four thousand, two hundred fifty-six

Expanded form:  $3,000,000 + 70,000 + 4,000 + 200 + 50 + 6$



Please remember  
the hyphen (-) in  
written words from  
21-99.



### Practice #3:

Write this number in the three forms.

8,304,026

Standard form:

Word form:

Expanded form:

## Practice #3:

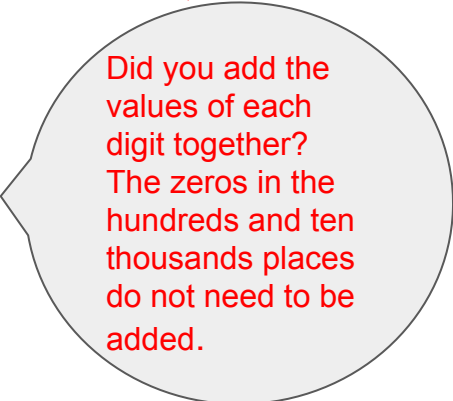
Write this number in the three forms.

8,304,026

Standard form: 8,304,026

Word form: Eight million, three hundred four thousand,  
twenty-six

Expanded form:  $8,000,000 + 300,000 + 4,000 + 20 + 6$



Did you add the values of each digit together? The zeros in the hundreds and ten thousands places do not need to be added.

## Practice on your own:

Go to this website:

[Online Dice Roller](#)

1. Roll the dice 7 times to make a 7 digit number. Write the graphic organizer below on notebook paper.
2. Write the number in standard form.
3. Write the number in word form.
4. Write the number in expanded form.

Roll it: For example, I rolled these 7 numbers: 3 4 5 4 6 8 2.	Standard form: 3,454,682	Word form: Three million, four hundred fifty-four thousand, six hundred eighty-two	Expanded form: 3,000,000+400,000+50,000+ 4,000+600+80+2

**MORE Practice on your own:**

[Numbers in Word Form](#)

[Numbers in Expanded Form](#)

## Self Check:

Go tell someone in your home your answers.



1. Was this lesson?

- easy,
- just right
- hard

2. Find a number on a food label in your house. Write it in standard, word, and expanded forms.