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Mathematics

Quarter 1 - Module 3:
Reading and Writing Numbers Up to Hundred Thousand in Symbols and in Words

ALTERNATIVE DELIVERY MODE
ADM

Department of Education • Republic of the Philippines

Mathematics – Grade 4
Alternative Delivery Mode
Quarter 1 - Module 3: Reading and Writing Numbers in symbols and in Words
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This instructional material was collaboratively developed and reviewed by educators from public and private schools, colleges, and/or universities. We encourage teachers and other education stakeholders to email their feedback, comments, and recommendations to the Department of education at region10@deped.gov.ph.

We value your feedback and recommendations.

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What This Module is About

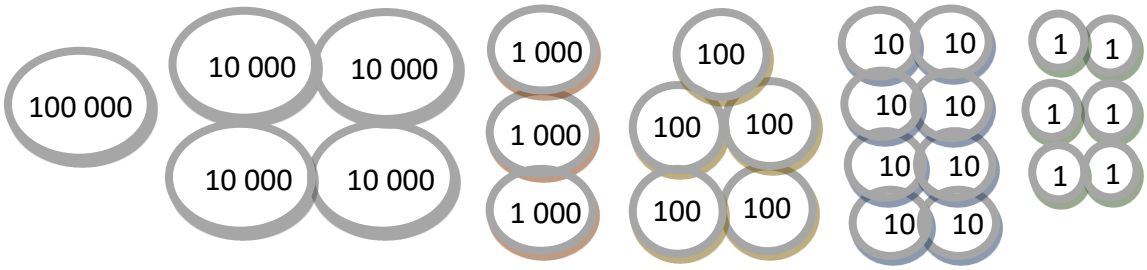
This module contains series of activities that will help you learn, understand and value the importance of reading and writing numbers from hundred thousand in words or in symbols.

The activities in this module were made easy for you to work on your own. It will give you an opportunity to know more and develop your previous skills. I am sure that you will enjoy as you go on in this module. You can do it with friends, family and of course with your teacher. The more you engage yourself to the activities, the more you learn.

What I Need to Know

In this lesson, you will be able to enjoy working with numbers specially on reading and writing them in symbol or word form. Number discs is still very useful in this lesson.

Example: Using Number discs



The discs shows:

1 hundred thousand 4 ten thousands 3 thousands
5 hundreds 8 tens 6 ones.

100 000 + 40 000 + 3 000

+ 500 + 80 + 6

Then we have to write it in number or symbol form. This is how we are going to do it.

We add.

$$\begin{array}{r} 100\,000 \\ +\ 40\,000 \\ 3\,000 \\ +\ 500 \\ 80 \\ 6 \\ \hline 143\,586 \end{array}$$

Did you observe the total or the sum of the given number? They are grouped in three digits. There are 2 periods: thousands and units. Remember we do not read the period unit.

Word Form

143 thousand 586

Number or Symbol Form

One hundred forty-three thousand five hundred eighty-six – 143 586

Try another one. **52 143** we need to group the number by set or period. Always remember each period has 3 digits. As you observe, there are only 5 numbers. To group the number by set is **52 143** we start to group the number by 3 digits from the right**.** We then read the number from the left and say its period.

Example. 52 143

We start reading the number from the left. Read the first set then say “thousand” so the first set is Fifty-two thousand then the second set one hundred forty-three ***but we will not read the period unit.***

Put them together and read the number.

Fifty-two thousand, one hundred forty-three – 52 143

After going through this module, you are expected to read and write numbers up to hundred thousand in symbols and in words. Never give up. Aim for the best. Learn and at the same time have fun.

How to Learn from this Module

For you to achieve the objectives cited above, you need to do the following:

- Take your time and carefully read the lesson.
- Follow the directions and/or instructions in the activities and exercises diligently.
- Answer all the given tests and exercises.

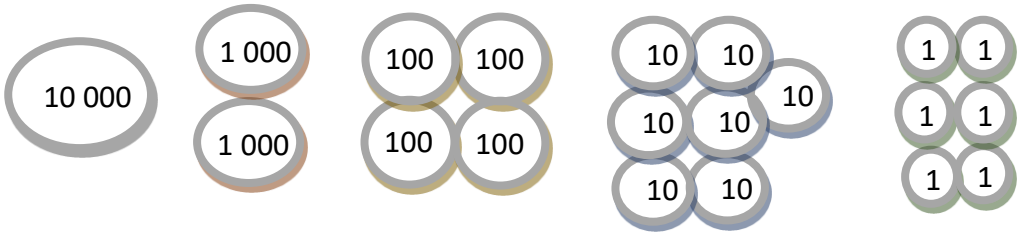
Icons of this Module

	What I Need to Know	This part contains learning objectives that are set for you to learn as you go along the module.
	What I Know	This is an assessment as to your level of knowledge to the subject matter at hand, meant specifically to gauge prior related knowledge.
	What's In	This part connects previous lessons with that of what you are going to learn.
	What's New	An introduction of the new lesson through various activities, before it will be presented to you.
	What is It	These are discussions of the activities as a way to deepen your discovery and understanding of the concept.
	What's More	These are follow-up activities that are intended for you to practice further in order to master the competencies.
	What I Have Learned	Activities designed to process what you have learned from the lesson
	What I Can Do	These are tasks designed to showcase your skills and knowledge gained, and applied into real-life concerns and situations.
	Post Assessment	This assessment evaluates your level of mastery in achieving the learning objectives.
	More Activities	These are additional activities designed to increase the level of your skills and knowledge.

What I Know

Read and understand each question or statement. Choose the letter of your best answer.

1. How to read the number formed by these discs?



   a. Three thousand, four hundred thirteen
   b. Eleven thousand, four hundred seventy-six
   c. Twelve thousand, four hundred seventy-six
   d. Twelve thousand, six hundred forty-six

2. Which of the following number is read as seventy thousand, seven?

   a. 70 000 b. 70 007 c. 70 700 d. 77 000

3. Which of the following number is read as ninety-four thousand, three hundred fifty-eight?

   a. 9 458 b. 9 548 c. 90 458 d. 94 358

4. 97 544 is read as _____.

   a. Ninety-seven thousand, three hundred forty-five
   b. Ninety-seven thousand, five hundred forty-four
   c. Ninety-seven thousand, four hundred forty-four
   d. Ninety-six thousand, four hundred eight

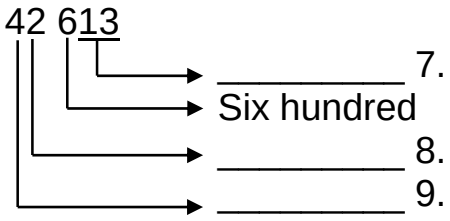
5. What is the missing word/s in reading this number, 28 179 = twenty-_____ thousand, one hundred seventy-nine?

   a. eight
   b. eighty
   c. eight hundred
   d. eight thousand

6. What is the number form of thirty-seven thousand, six hundred forty-two?

   a. 37 642
   b. 60 042
   c. 100 642
   d. 600 372

For numbers 7 – 9. What is the word form for each number below. One item is done for you?



10. Write the word form of 19 873.

_____

_____

Lesson 1 Writing Numbers in Symbols and Word Form

What's In

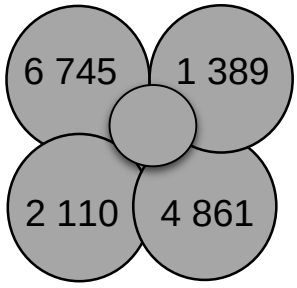
Mary used 4 pieces of 10 000s discs, 8 pieces of 1000s discs, 7 pieces of 100s discs, and 6 pieces of 10s discs to represent a number.

1. Draw the number discs.

10 000's	1 000's	100's	10's	1's

2. What number is shown by her number discs? _____

From numbers 3 – 5 how many thousands, hundreds, tens and ones are there in each number inside the petals.



Ex. 2 110 – 2 thousands 1 hundreds 1 tens 0 ones

3. 6 745 - _____

4. 1 389 - _____

5. 4 861 - _____

What's New

Match the *Symbol Form* of numbers in COLUMN A with the *Word Form* of numbers in COLUMN B. Write the letter of your best answer.

COLUMN A	COLUMN B
_____ 1. 41 789	a. Ninety-five thousand one hundred twenty-three
_____ 2. 21 682	b. Thirty-six thousand three hundred one
_____ 3. 95 123	c. Forty-one thousand seven hundred eighty-nine
_____ 4. 7 266	d. Twenty one thousand, six hundred eighty-two
_____ 5. 36 301	e. Seven thousand two hundred sixty-six

What is It

So that you will get to know more about reading and writing numbers in symbol and in word form, let's try the next activity.

Glenda heard from the newscaster that there are one thousand, twenty-five voters in Barangay A and one thousand, three hundred twenty-four voters in Barangay B. She wrote the numbers on her paper this way.

Barangay A – one thousand two hundred fifty – 1 250
Barangay B – one thousand three hundred twenty-four – 1 324
Is Glenda correct in writing the numbers or symbols in word form?
Let's see:
*first – write the numbers in group or set. Units and thousands

1 <u>025</u> → first set from the right the units period we say "<u>twenty-five</u>" there is no value on the hundreds place that is why we use zero (0) as place holder.
→ Second set from the right the thousands period. There is only 1 digit. We say "<u>one thousand</u>".

*now we put them together starting from the left set the thousands period.

1 025 – one thousand, twenty-five (*separate the period* with a <u>comma</u>)

So, Glenda's answer is not correct. Two hundred fifty is written like this (250). Twenty-five is written as (25). Glenda's answer should be 1 025.

1 324 → three hundred twenty-four
→ one thousand

Put a hyphen (-) for 2 digit numbers more than 20 twenty-one, thirty-four, forty-six …… ninety-nine

Put it together: one thousand, three hundred twenty-four

Remember to put a comma to separate the periods.

What's More

A. Read and understand.

1. What is the symbol or number form of ninety-seven thousand, four hundred thirty-five?
   a. 7 935 b. 79 534 c. 90 475 d. 97 435
2. What is the number form of five hundred twenty thousand?
   a. 502 b. 520 c. 500 200 d. 520 000

B. Match the *Symbol Form* of numbers in COLUMN A with the *Word Form* of numbers in COLUMN B. Write the letter of your best answer.

COLUMN A	COLUMN B
_____ 3. 30 052	a. forty-five thousand, nine hundred eight
_____ 4. 45 908	b. thirty thousand, fifty-two
_____ 5. 908 453	c. nine hundred eight thousand, four hundred fifty-three
_____ 6. 51 012	d. three thousand, seven hundred thirty
_____ 7. 619 005	e. twenty-six thousand, thirty-eight
_____ 8. 26 038	f. fifty-one thousand, twelve
_____ 9. 3 730	g. thirty-four thousand, seventeen
_____ 10. 34 017	h. six hundred nineteen thousand, five

What I Have Learned

- In writing numbers in word or symbol form:

First, write the numbers in group or set 3 digits per set. 143 444
Then, write its period Units and thousands. 143 444
Thousands ← ┘ └ → units
One hundred forty-three thousand four hundred forty-four
Lastly, put a comma to separate period. You can use space in number or symbol form, but not on word form.

Number or Symbol Form - 143,444 or 143 444

Word Form - One hundred forty-three thousand (,) four hundred forty-four

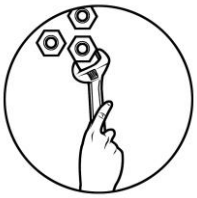
- Use hyphen for two digit numbers that is more than 20
  Example: twenty-one, twenty-two…thirty-three, thirty-four… forty-five…fifty-one…sixty-two…seventy-three…ninety-nine

Try this activity.
Read the problem and answer the questions that follow.

Mrs. Yap has a flower garden. She has **twelve thousand, nine hundred thirty** collections of different kinds of flowering and non-flowering plants. Her total expenses in putting up her garden costs her **965 470**.

1. What is the symbol form for the total kinds of flowers that Mrs. Yap had in her flower garden? _____

2. What is the word form of the total expenses of Mrs. Yap in putting up her flower garden? _____
   _____
   _____



What I Can Do

Read and understand each item carefully. You can do this. I believe in you.

A. Write each number in words.

1. 26 008 _____
   _____
2. 104 300 _____
   _____
3. 74 732 _____
   _____
4. 537 032 _____
   _____
5. 16 450 _____
   _____

B. Write each of the following in numerals.

6. Sixty-two thousand, three hundred seventy-four _____
7. Three hundred twenty-five thousand, nine hundred eighteen_____
8. Eight hundred sixty-seven _____
9. One hundred thousand, ten _____
10. Three thousand, seven hundred forty-seven _____

Post Assessment

Direction: Choose the letter of your best answer.

For numbers 1 – 4 choose the correct symbol or number form for the word form of numbers.

1. One hundred seventy-seven thousand, two hundred nine

   a. 77 280 b. 100 772 c. 77 290 d. 177 209

2. Three thousand, six hundred forty

   a. 3 640 b. 36 040 c. 300 600 d. 364 004

3. Two hundred thousand, fifty-nine

   a. 259 b. 200 009 c. 200 059 d. 259 000

Match the word form of numbers in COLUMN A to the symbol or number form in COLUMN B. Write the letter of your choice.

COLUMN A	COLUMN B
_____ 4. Thirty-seven thousand, six hundred forty-two	a. 14 253
_____ 5. Fourteen thousand, two hundred fifty-three	b. 37 642
_____ 6. Fifteen thousand, ninety-three	c. 15 093
_____ 7. Five hundred six thousand, nine hundred	d. 426 112
_____ 8. Four hundred twenty-six thousand, one hundred twelve	e. 506 900

Write the symbol or number form and word form.

125 thousands, 7 hundreds, 4 tens, 6 ones

9. Symbol or Number Form _____
10. Word Form _____

Additional Activities

Write the following numbers in Symbol Form or in Word Form.

Symbol Form		Word Form
1. 346 459	→	_____
2. _____	→	twenty-six thousand, eight hundred thirty
3. _____	→	six hundred fifty-eight thousand, fifty-two
4. 3 974	→	_____
5. _____	→	fifteen thousand, nine hundred eleven

Answer Key

What's More
1. D 6. F
2. D 7. H
3. B 8. E
4. A 9. D
5. C 10. G

What I Know
1. C
2. B
3. D
4. B
5. D
6. A
7. Thirteen
8. Two thousand
9. Forty thousand
10. Nineteen thousand, eight hundred seventy-three

What's In
1.
2. 48 760
3. 6 thousands 7hundreds 4tens 5ones
4. 1thousands 3hundreds 8tens 9ones
5. 4thousands 8hundreds 6tens 1ones

What's New
1. C
2. D
3. A
4. E
5. B

What I Have Learned
1. 12 930
2. Nine hundred sixty-five thousand, four hundred seventy

Additional Activities
1. Three hundred forty-six thousand, four hundred fifty-nine
2. 26 830
3. 658 052
4. Three thousand, nine hundred seventy-four
5. 15 911

Post Assessment
1. D
2. A
3. C
4. B
5. A
6. C
7. E
8. D
9. 125 746
10. One hundred twenty-five thousand, seven hundred forty-six

What I Can Do
1. Twenty-six thousand, eight
2. One hundred four thousand, three hundred
3. Seventy-four thousand, seven hundred thirty-two
4. Five hundred thirty-seven thousand, thirty-two
5. Sixteen thousand, four hundred fifty
6. 62 374
7. 325 918
8. 867
9. 100 010
10. 3 747

Reference:

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