





7,482,391

Let's review the ways to write our number!

Word form: seven million, four hundred eighty-two, three hundred ninety-one

Expanded form: 7,000,000 + 400,000 + 80,000 + 2,000 + 300 + 90 + 1

**Expanded notation:** 

(7x1,000,000)+(4x100,000)+(8x10,000)+(2x

1,000)+(3x100)+(9x10)+(1x1)



# **Comparing Whole Numbers**

# **Objectives:**

### Students will:

- Identify multi-digit whole numbers up into the millions place,
- Be able to compare two multi-digit numbers based on the digits in each place, using >, =, and < symbols to record the results of comparisons.



# **Comparing Whole Numbers**

What does it mean to compare?

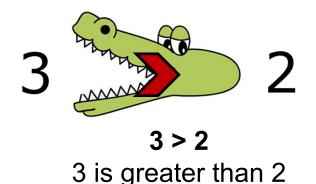
To compare means to look for similarities or differences between two different things (or numbers).

< less than :</p>

the number on the left has a value less than the number on the right

- > greater than
   the number on the left has a value
   greater than the number on the right
- = equal to

The numbers have the same exact value



Remember how to compare!
Gary Gator always wants to
"eat" the bigger number!



## How to Compare Numbers using Place Value

## We can use place value to visualize how to compare large numbers

1. Compare the numbers in their designated periods

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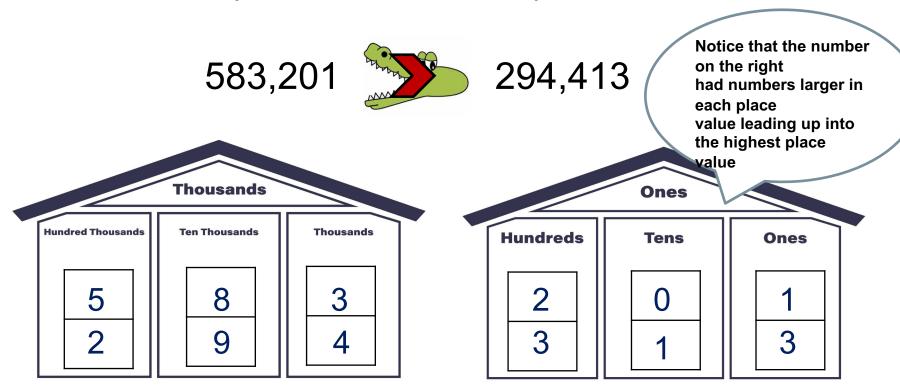
2. Look at the highest place value and compare those numbers



#### is less than

willions Period			i nousands Period			nunareas Perioa		
Hundreds	Tens	Ones	Hundreds	Tens	Ones	Hundreds	Tens	Ones
		3	4	6	1	5	8	2
		4	3	5	8	7	6	1

# Look at the place values to compare the numbers!



# Let's try another one!

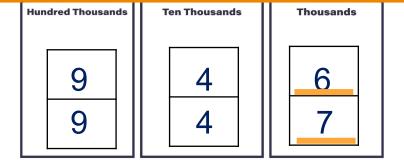
946,109



947,604

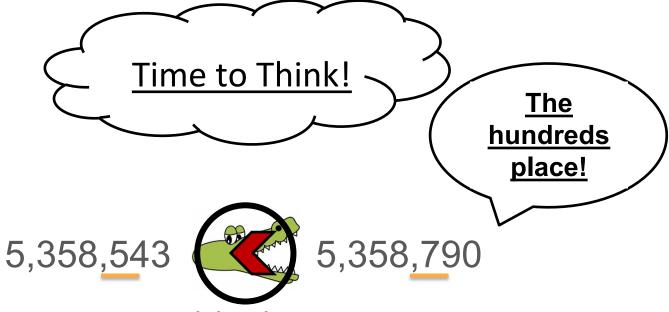
Is less than

What was the highest place value that was different between our two numbers?





 Look at the highest place value where there's a difference to compare the large numbers



is less than

Hundreds Tens Ones		Hundreds Tens Ones			Hundreds Period Hundreds Tens Ones			
		5	3	5	8	5	4	3
		5	3	5	8	7	9	0

