

## Place Value-Family of Numbers

[illegible]

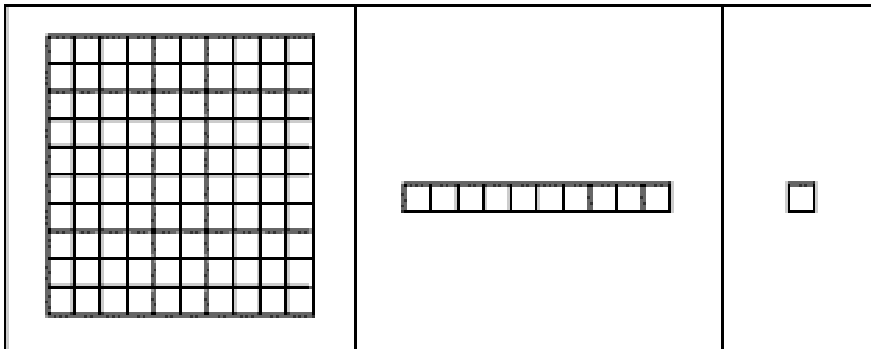
# Review:

Place Value-the value of a digit depending on the position of a number

1 Hundred

1 Ten

1 One



How many hundreds, tens and ones in 356?

How many hundreds, tens, and ones in 907?

It gets a little complicated when we started adding thousands, millions, billions, and even trillions. I am going to teach you a trick to help you better understand place value and how to read numbers.

## Family of Numbers



There are 3 members in a family  
*(like a dad, mom, and baby)*

Hundreds

Tens

Ones

Let's name the members of the family in this number?

**512,254,009,657**

## Thousands Family

Thousands					
Hundreds	Tens	Ones	Hundreds	Tens	Ones
8	7	2,	0	9	5

- What is the value of 7?
- What is the value of 9?
- Read the number

## Millions Family

Millions			Thousands					
Hundreds	Tens	Ones	Hundreds	Tens	Ones	Hundreds	Tens	Ones

- Write a number **396,507,210**
- Determine the value of 9
- Read 5,316,009

## Billions Family

Billions			Millions			Thousands					
Hundreds	Tens	Ones	Hundreds	Tens	Ones	Hundreds	Tens	Ones	Hundreds	Tens	Ones

- Write a number **2,506,831,730**
- Determine the value of 2
- Read 7,582,385,223

## Steps to Use Each Time:

### **Steps to Follow in Determining the Place Value of the Number**

1. Is the number a ones, tens or hundreds?
2. Which family is it in?
3. Add 0 for all the places on the right within the family in order to determine the value.
4. Add a 0 for all the places on the right, including all of the families in order to write the number.
5. What do you have to separate the families with?

### **Steps to Follow when Reading the Number**

1. Start at the place you would when reading a sentence-from left to right.
2. Read the numbers together within the family, because families like to stay together.
3. Then, read the next family
4. Read until you have read all of the family of numbers.

### **Steps to Follow when Writing a Number**

1. Focus on the first family you hear.
2. How many numbers are there in each family?
  - a. How many hundreds?
  - b. How many tens?
  - c. How many ones?
3. Write down the numbers as you go.
4. Do this for all the families.
5. Read all three numbers together and then say the family name for each family.