

# Review

- Start naming new place value units by how many one thousands, ten thousands, and hundred thousands there are.
- Commas are used to show the grouping of units.

## Problem 1:

350,654

How many thousands are in the number?

There are zero thousands.

How many hundreds are in the number?

There are six hundreds.

How many hundred thousands are there?

There are three hundred thousands.

Where should the comma be placed?

# Naming Numbers Within One Million

Guided Notes

Math 4

## Problem 2:

7,235,642

How many thousands are in the number?

There are five thousands.

How many hundreds are in the number?

There are six hundreds.

How many hundred thousands are there?

There are two hundred thousands.

Where should the comma(s) be placed?

# Naming Numbers Within One Million

Guided Notes

Math 4

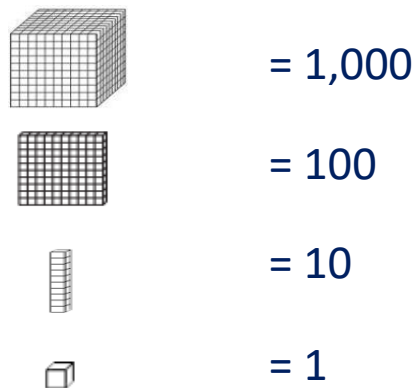
**Number form** is how we write numbers with digits.

3,456 is in number form.

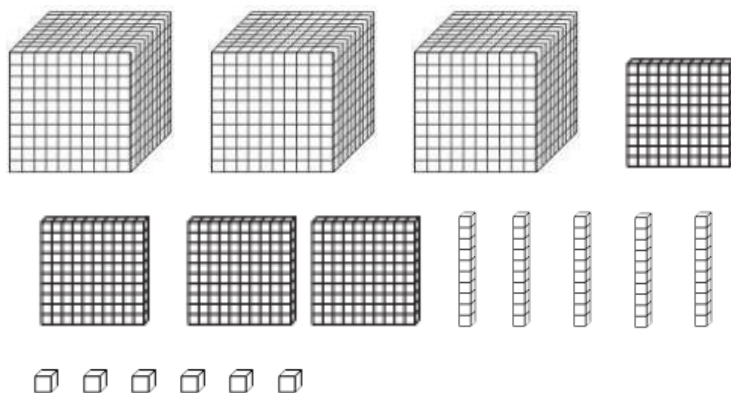
**Word form** uses words like “hundred” and “thousands” to say the number.

3,456 is said **three thousand, four hundred fifty-six**

**Base Ten form** uses base ten blocks to create numbers with base ten blocks.



3,456 in base ten form would look like this.



**Expanded form** is when you use multiples of the place value to express your number and it looks like this:

$$3,456 = \underline{3},000 + \underline{4}00 + \underline{5}0 + \underline{6}$$

## **Naming Numbers Within One Million** Guided Notes **Math 4**

**Number Form** is the form that we most often think of when we think of a number.

It's the number written out in its numerical value.

### **Examples:**

- 1
- 23
- 456
- 7891

**Word Form** is the number written out in words.

### **Examples:**

- One
- Twenty- three
- Four hundred fifty-six
- Seven thousand eight hundred ninety-one

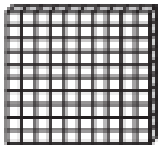
# Naming Numbers Within One Million

Guided Notes

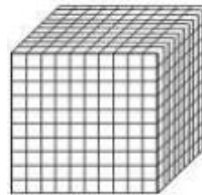
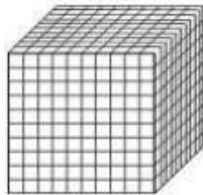
Math 4

## Let's apply it!

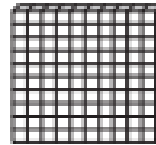
How many



does it take to make one



$$= 1,000$$



$$= 100$$



$$= 10$$



$$= 1$$

**10! Because  $1,000 \div 100 = 10$**

## **Naming Numbers Within One Million** Guided Notes **Math 4**

**Expanded form** is when you use multiples of the place value to express your number.

Examples:

$$12 = 10 + 2$$

$$123 = 100 + 20 + 3$$

$$1,234 = 1,000 + 200 + 30 + 4$$

Think! How would you write the number **98,765** in expanded form?

$$\mathbf{90,000 + 8,000 + 700 + 60 + 5}$$

# Naming Numbers Within One Million

Guided Notes

Math 4

## Problem 3:

Write the number given in three forms:

Number Form

5,431

Word Form

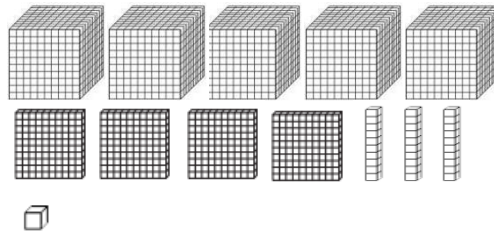
Five thousand, four  
hundred thirty-one

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Expanded Form

$$5,000 + 400 + 30 + 1$$

Base Ten Form



Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

# Naming Numbers Within One Million Guided Notes **Math 4**

Place the digits in their place value in the house below.  
Where should the comma be placed?

654239

Thousands			Ones		
Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
6	5	4	2	3	9

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**Problem 4:**

**Write the number given in the three forms**

**Number Form**

**3,215**

**Word Form**

**Three thousand, two  
hundred fifteen**

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**Expanded Form**

**$3,000 + 200 + 10 + 5$**

**Base Ten Form**

