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

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:

<p style="text-align:center; color:green; font-size:2em;">350654</p>

How many thousands are in the number?

There are _____ thousands.

How many hundreds are in the number?

There are _____ hundreds.

How many hundred thousands are there?

There are _____ hundred thousands.

Where should the comma be placed?

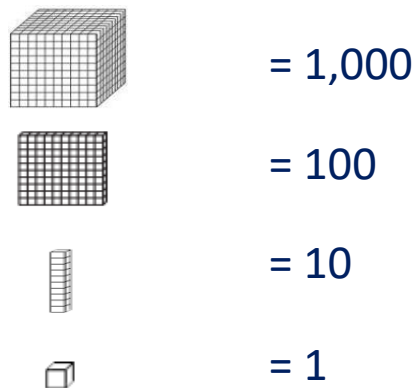# Naming Numbers Within One Million Guided Notes   Math 4

Problem 2:

7235642

How many thousands are in the number?

There are _____ thousands.

How many hundreds are in the number?

There are _____ hundreds.

How many hundred thousands are there?

There are _____ hundred thousands.

Where should the comma(s) be placed?

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Number form is how we write numbers with digits.
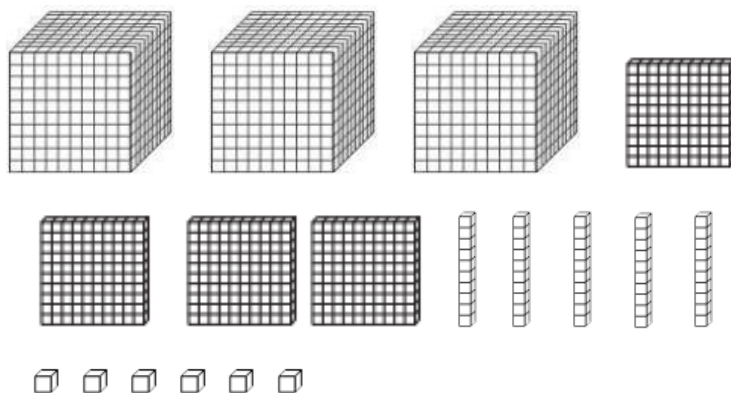**3,456** is in number form.

Word form uses words like "hundred" and "thousands" to say the number.
3,456 is said three <u>thousand</u>, four <u>hundred</u> fifty-six

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

= 1,000

= 100

= 10

= 1

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 = <u>3</u>,000 + <u>4</u>000+ <u>5</u>0 + <u>6</u>

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<u>Number Form</u> is the form that we most think of when we think of a number.

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

<u>Examples:</u>

- 1
- 23
- 456
- 7891

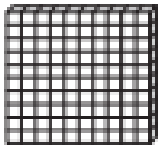**<u>Word Form</u>** is the number written out in numerical words.

<u>Examples:</u>

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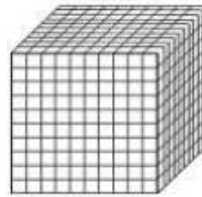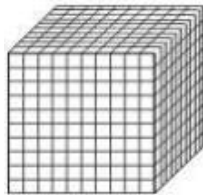- Four hundred fifty-six
- Seven thousand eight hundred ninety-one

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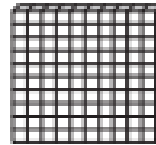
Let's apply it!

How many

does it take to make one

= 1,000

= 100

= 10

= 1

Write a sentence.

_____.

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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?

_____

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

Problem 3:

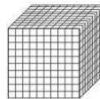### Write the number given in three forms:

Number Form   **Word Form**

$$5,431$$ _____

                                           _____

Expanded Form   **Base Ten Form**
                                           How many of each?

_____   ▨ _____   ▯ _____
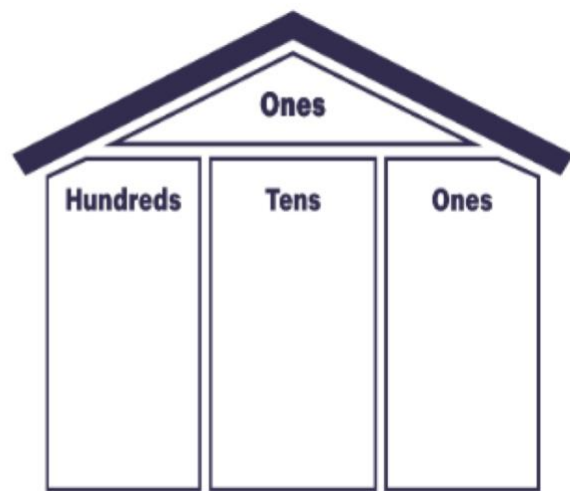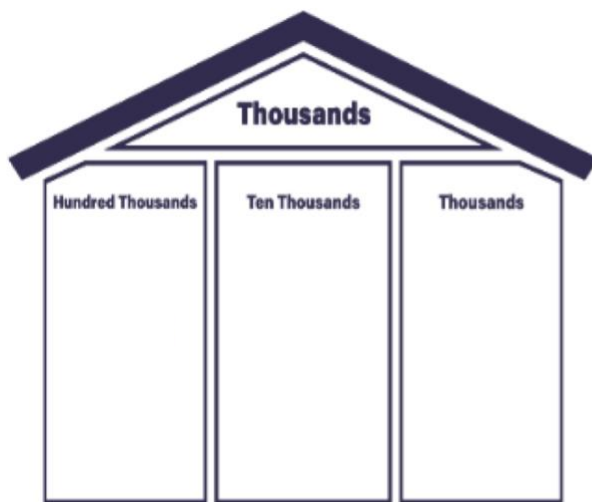
_____   ▦ _____   ◻ _____

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

654239

Thousands		
Hundred Thousands	Ten Thousands	Thousands

Ones		
Hundreds	Tens	Ones

8

Problem 4:

Write the number given in the three forms

Number Form   **Word Form**

3,215   _____
              _____

Expanded Form   **Base Ten Form**
                                    How many of each?

_____   _____   _____
_____

                                 _____   _____