

# Review

## 6,125,426

- Number form: **6,125,426**
- Word form: **six million, one hundred twenty-five thousand, four hundred twenty-six**
- Expanded form: **6,000,000 + 100,000 + 20,000 + 5,000 + 400 + 20 + 6**
- How many thousands are in the number?
  - There are **five** thousands
- How many hundreds are in the number?
  - There are **four** hundreds
- How many hundred thousands are there?
  - There is **one** hundred thousand
- How many millions are there?
  - There are **six** millions

Understanding numeral periods and the commas that separate them will help us with learning Expanded Number Notation!

## 8,347,592

Millions Period			Thousands Period			Hundreds Period		
Hundreds	Tens	Ones	Hundreds	Tens	Ones	Hundreds	Tens	Ones
		8	3	4	7	5	9	2

In our last lesson we learned about expanded form that looked like this:

$$8,000,000 + 300,000 + 40,000 + 7,000 + 500 + 90 + 2$$

In this lesson we'll break it down even further into expanded notation which looks like this:

$$(8 \times 1,000,000) + (3 \times 100,000) + (4 \times 10,000) + (7 \times 1,000) + (5 \times 100) + (9 \times 10) + (2 \times 1)$$

## Time to Think

### Problem 1:

**426,512**

Hundred thousands: **4 x 100,000**

Ten thousands: **2 x 20,000**

Thousands: **6 x 1,000**

Hundreds: **5 x 100**

Tens: **1 x 10**

Ones: **2 x 1**

Expanded Form:

**400,000 + 20,000 + 6,000 + 500 + 10 + 2**

Expanded Notation:

**(4 x 100,00) + (1 x 20,000) + (6 x 1,000) + (5 x 100) + (1 x 10) + (2 x 1)**

## Time to Think

### Problem 2:

**2,375,014**

Millions: **2 x 1,000,000**

Hundred thousands: **3 x 100,000**

Ten thousands: **7 x 10,000**

Thousands: **5 x 1,000**

Hundreds: **0 x 100**

Tens: **1 x 10**

Ones: **4 x 1**

Expanded Form:

**2,000,000 + 300,000 + 70,000 + 5,000 + 10 + 4**

Expanded Notation:

**(2x1,000,000) + (3x100,000) + (7x10,000) + (5x1,000) + (0x100) +**

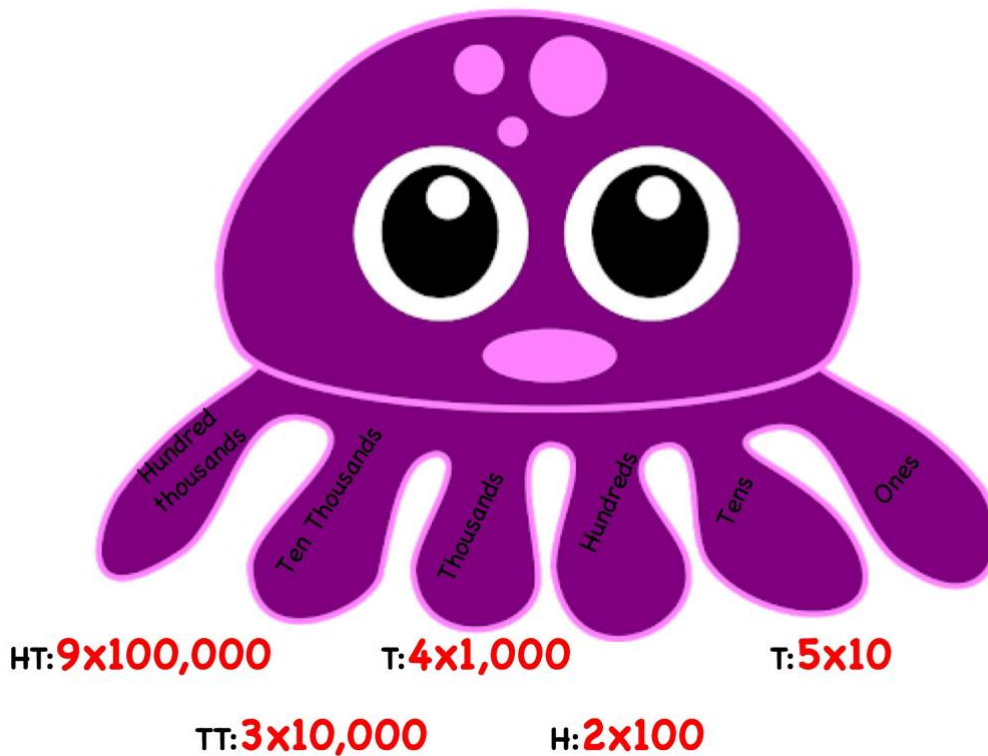
**(1x10) + (4x1)**

## Time to Think

### Problem 3:

**934,251**

Fill out the place value tentacles with their expanded notation:



Write out the full expanded notation below:

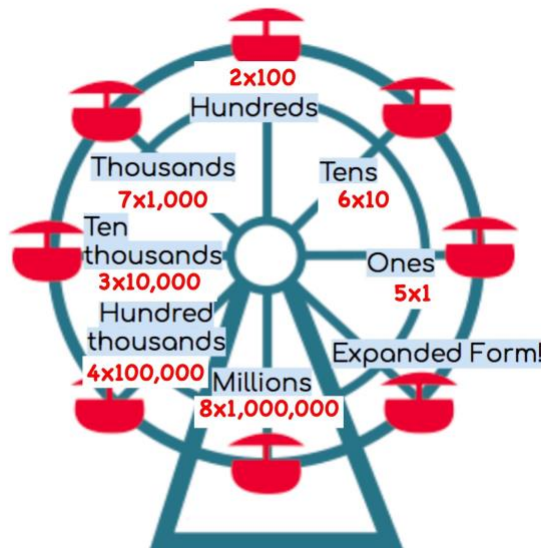
$$(9 \times 100,000) + (3 \times 10,000) + (4 \times 1,000) + (2 \times 100) + (5 \times 10) + (1 \times 1)$$

## Time to Think

### Problem 4:

# 8,437,265

Fill out the place value baskets with their expanded notation:



Write out the expanded form below:

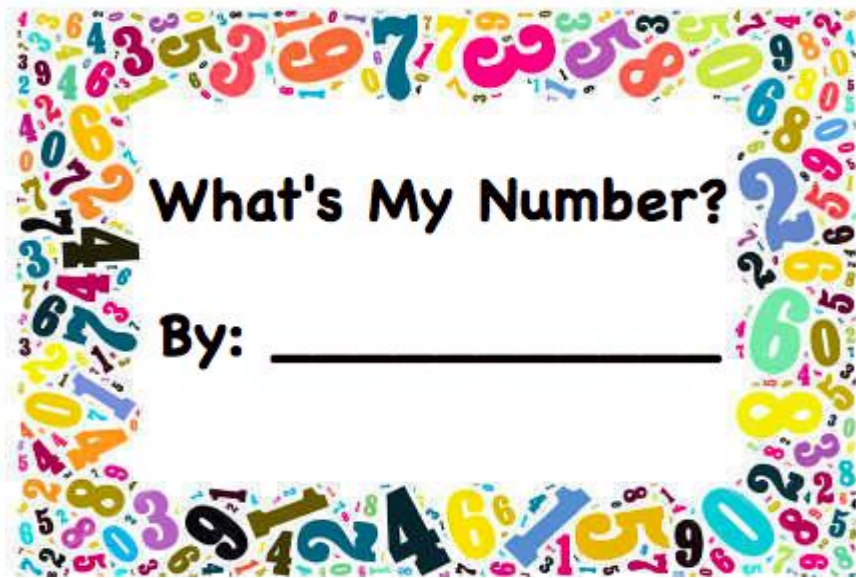
$$8,000,000 + 400,000 + 30,000 + 7,000 + 200 + 60 + 5$$

Write out the full expanded notation below:

$$(8 \times 1,000,000) + (4 \times 100,000) + (3 \times 10,000) + (7 \times 1,000) + (2 \times 100) + (6 \times 10) + (5 \times 1)$$

**Activity:** You can either allow the students to cut out and prepare this flip book themselves, or pre-cut and prepare them to save time during class.

1. Cut out the different sections and glue them into your flip book.
2. After gluing on your labels fill out your flip book with all of the different ways to write your number.



<b>Number Word</b>
<b>Standard Form</b>
<b>Expanded Form</b>
<b>Expanded Notation</b>