Place Value

Millions Period			Thousands Period			Ones Period		
Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	One
1	3	2	4	3	7	8	2	5

- **Digits** – symbols 0, 1, 2, 3, 4, 5, 6, 7, 8, 9

- **Value** – what each digit is worth

- **Standard form** – A number written with one digit for each place value.

  123,789

- **Word form** – A number written in words.

  One hundred twenty-three thousand, seven hundred eighty-nine
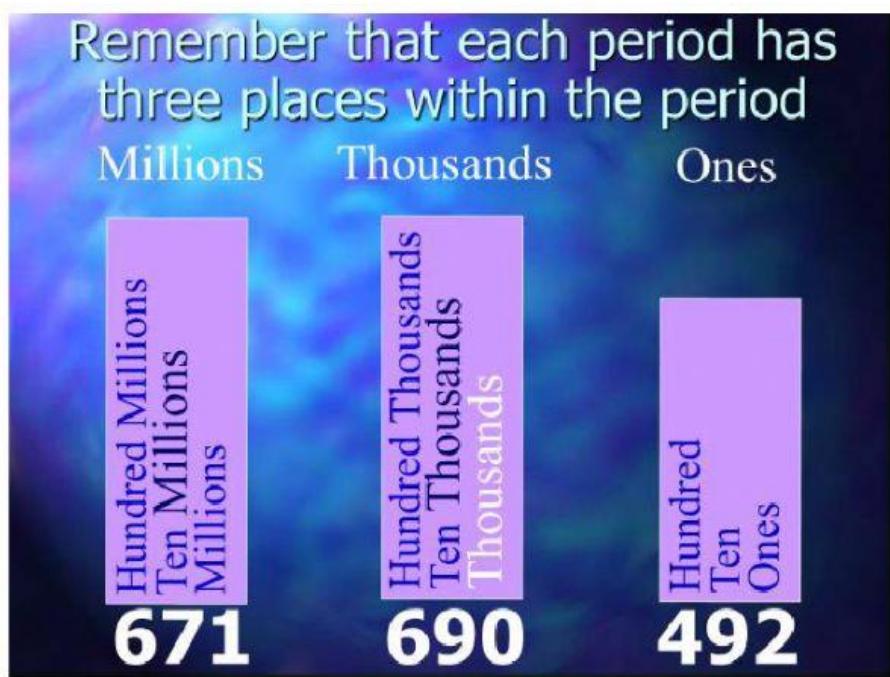
- **Short Word Form** – A number written in both words and numbers. Write the numbers between the commas and then write the name of the period those numbers represent.

  698 million, 123 thousand, 789

- **Expanded form** – A way to write numbers that shows the value of each digit.

  100,000 + 20,000 + 3,000 + 700 + 9 = 123, 709

- **Periods – A group of 3 places used for the digits in large numbers. Periods are usually separated by commas.**

Remember that each period has three places within the period

Millions   Thousands   Ones

Hundred Millions
Ten Millions
Millions

Hundred Thousands
Ten Thousands
Thousands

Hundred
Ten
Ones

671   690   492

- **Remember that each period has three places within the period**

Watch the educational videos.