

Place Value through Millions

The period after the thousands period is the millions period.

PERIOD	MILLIONS			THOUSANDS			ONES		
PLACE	Hundreds	Tens	Ones	Hundreds	Tens	Ones	Hundreds	Tens	Ones
VALUE	100,000,000	10,000,000	1,000,000	100,000	10,000	1,000	100	10	1
THINK	100 million	10 million	1 million	100 thousand	10 thousand	1 thousand	100 ones	10 ones	1 one

To write a number given in word form with the million periods, use a place-value chart.

Examples:

A- Write each number in two different ways.

1) 618,623,104

Expanded form: $600,000,000 + 10,000,000 + 8,000,000 + 600,000 + 20,000 + 3,000 + 100 + 4$

Word form: Six hundred eighteen million, six hundred twenty-three thousand one hundred four.

2) twenty-two million, nine hundred twelve thousand, five hundred thirty-one.

Standard form: 22,912,531

Expanded form: $20,000,000 + 2,000,000 + 900,000 + 10,000 + 2,000 + 500 + 30 + 1$

B- Find the sum then write the answer in standard form.

4 thousands 2 hundreds six ones + 6 ten thousands 4 thousands 7 hundreds.

First you have to write each number in standard form

4 thousands 2 hundreds six ones: **4,206**

6 ten thousands 4 thousands 7 hundreds: **64,700**

Now, you have to add

$4,206 + 64,700$

=68,906