Place Values Through Millions

You can use a place value chart to help you read and write greater numbers such as 271,603,894.

MILLIONS				THOUSANDS				ONES		
H	T	O		H	T	O		H	T	O
2	0	0	,	0	0	0	,	0	0	0
	7	0	,	0	0	0	,	0	0	0
		1	,	0	0	0	,	0	0	0
				6	0	0	,	0	0	0
					0	0	,	0	0	0
						3	,	0	0	0
								8	0	0
									9	0
										4

Standard form: 271,603,894

Expanded form: 200,000,000 + 70,000,000 + 1,000,000 + 600,000 + 3,000 + 800 + 90 + 4

Word form: Two hundred seventy-one million, six hundred three thousand, eight hundred ninety-four.

Examples:

A- Write the value of the underlined digit.

1) 288,726,147
   200,000,000

2) 634,175,843
   4,000,000

3) 97,463
   90,000

4) 25,908,167,238
   20,000,000,00

B- Write the number in two other forms.
5) 647,200
   1: 600,000 + 40,000 + 7,000 + 200
   2: six hundred forty seven thousand, two hundred

6) 40,000,000 + 20,000 + 1,000 + 80 + 5
   1: 40,021,085
   2: forty million, twenty one thousand, eighty five

7) Fifty billion, three hundred sixty four million, three hundred two
   1: 50,364,000,302
   2: 50,000,000,000 + 300,000,000 + 60,000,000 + 4,000,000 + 300 + 2

C- What number makes the statement true?
8) 580,000 = 58 x **100,000**   9) 2,760,000 = 276 x **1,000,000**

10) 6,420,000 = 642 x **1,000,000** 11) 57,910,000 = 5,791 x **10,000,000**

<div style="background-color:#9BBB59">My Real Life</div>

The population of Dubai in 2005 is 1,204,000. How can Rima write the population of Dubai in expanded form?

The population of Dubai in expanded form is:
1,000,000 + 200,000 + 4,000