

DEFINITION

Expanded form is writing a number to illustrate each place value.

Model: In expanded form, 527 is written: $500 + 20 + 7$

Check the following chart.

TRILLIONS			BILLIONS			MILLIONS			THOUSANDS			UNITS						
hund- reds	tens	ones	hund- reds	tens	ones	hund- reds	tens	ones	hund- reds	tens	ones	hund- reds	tens	one				
0	0	0	,	0	0	0	,	0	0	0	,	0	0	0	,	0	0	0

- Write 726 in expanded form. _____
- Write the number equal to $20,000 + 7,000 + 500 + 20 + 9$. _____

LARGE NUMBERS

A digit followed by six zeros is a multiple of a million. What about a number with nine zeros or twelve zeros? The numbers are multiples of a *billion* or *trillion* respectively.

Model: Write the number that begins with the digit 6 followed by eight zeros, and write its name.

600,000,000 is six hundred million.

- Write the number that starts with the digit 8 followed by eight zeros, and write its name.
a. _____ b. _____
- Write the number that starts with the digit 5 followed by nine zeros, and write its name.
a. _____ b. _____
- Write six billion in numerals. _____
- Write four trillion in numerals. _____