# Place Value Through Hundreds and Thousands

In the place-value system, each place is ten times as great as the place to its right.

The table below shows the period and the place value of each digit and relates the consecutive place values.

| PERIOD | THOUSANDS | | | ONES | | |
|--------|-----------|------|------|----------|------|------|
| Place | HUNDREDS | TENS | ONES | HUNDREDS | TENS | ONES |
| Value | 100,000 | 10,000 | 1,000 | 100 | 10 | 1 |
| THINK | 100 Thousands | 10 Thousands | 1 Thousands | 100 ones | 10 ones | 1 one |

To write the number in word form, write the number in each period and follow it with the name of the period.

Note: Do not name the ones period.

Remember to use commas to separate each period of number.

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A number can be written in three different forms

Standard form: 637,214
Word form: six hundred thirty-seven thousands, two hundred fourteen.
Expanded form: 600,000+30,000+7,000+200+10+4

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Examples:

A- Write the value of the underlined digit.

1) 236,489          2) 25,701          3) 256,864
   6,000            20,000            800

B- Write each number in two other forms.
4) 760,943
Expanded form: 700,000 + 60,000 + 900 + 40 + 3
Word form: Seven hundred sixty thousand, nine hundred forty- three.

5) 60,000 + 8,000 + 500 + 90 + 3
Standard form: 68,593
Word form: Sixty-eight thousand, five hundred ninety-three.

6) nine hundred fifty-two thousand, seven hundred one
Standard form: 952,701
Expanded form: 900,000 + 50,000 + 2,000 + 700 + 1