



## Expanded Form of 4 and 5 digit numbers

Let us review ...

Number	Meaning	Name
$10^0$	1	Ones
$10^1$	10	Tens
$10^2$	100	One Hundred
$10^3$	1000	One Thousand
$10^4$	10,000	One Ten Thousands
$10^5$	100,000	One Hundred Thousands

In expressing numbers in its expanded form, just multiply the digit to its corresponding place. Take a look at the example shown below.

**Example No.1. What is the expanded form of 12,539?**

It is in the ten thousands place, which means you are going to multiply 1 with 10,000.

It is in the thousands place, which means you are going to multiply 2 with 1000.

It is in the hundreds place, which means you are going to multiply 5 with 100.

It is in the ones place, which means you are going to multiply 9 with 1.

It is in the tens place, which means you are going to multiply 3 with 10.

The expanded form is  $(1 \times 10,000) + (2 \times 1000) + (5 \times 100) + (3 \times 10) + (9 \times 1) = 12,539$