Place Value

The value of a digit changes depending on its place in a number.
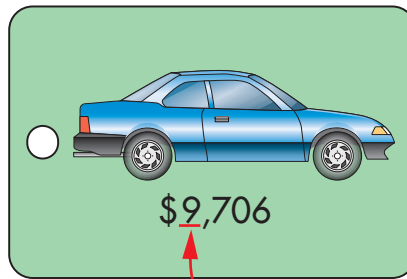
| ———— | ———— | **/** | ———— | ———— | ———— |
| ten thousands | thousands | | hundreds | tens | ones |

In the two examples below, the digit 9 has different values.

$697

90

$9,706
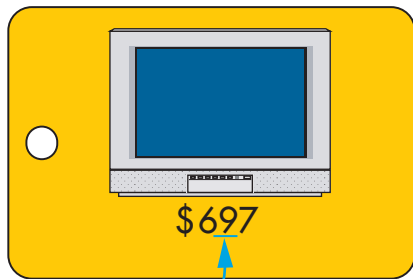
9,000

The digit 9 in the tens place represents 90.

The digit 9 in the thousands place represents 9,000.

Look at the values of the digits in this number.

12,706 (twelve thousand, seven hundred six)
the digit 1 represents   10,000
the digit 2 represents   2,000
the digit 7 represents   700
the digit 0 represents   0 tens
the digit 6 represents   6

12,706 = 10,000 + 2,000 + 700 + 6

What are the values of the digits in the number 13,048?