

**International System of Numeration**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Millons** | | | **Thousands** | | | **Ones** | | |
| Hundred Million | Ten Million | Million | Hundred Thousands | Ten Thousands | Thousands | Hundred | Tens | Ones |
| 100,000,000 | 10,000,000 | 1,000,000 | 100,000 | 10,000 | 1,000 | 100 | 10 | 1 |

**Example**

341,697,832

**Expanded form**: 3 x 100,000,000 + 4 x 10,000,000 + 1 x 1,000,000 + 6 x 100,000 + 9 x 10,000 + 7 x 1,000 + 8 x 100 + 3 x 10 + 2 x 1

**Remark:**If we have to express the numbers larger than a million then we use a billion in the International System of Numeration:

1 billion = 1000 million

**Large Numbers in Practice**

10 millimeters = 1 centimeter

1 meter = 100 centimeters

= 1000 millimeters

1 kilometer = 1000 meters

1 kilogram = 1000 grams.

1 gram = 1000 milligrams

1 litre = 1000 millilitres