# ORDERING NUMBERS

* **STEP 1 UNDERSTAND THE NUMBER**
* **STEP 2 PUT NUMBER IN PLACE VALUE CHART**
* **STEP 3 SORT & ORDER THE NUMBERS**

8.0333 1.01x109 0.08033 0.803 1 billion
8.033x103 0.0803 0.83 1x108 8.033x102

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **BILLIONS** | **HUNDRED MILLIONS** | **TEN MILLIONS** | **MILLIONS** | **HUNDRED THOUSANDS** | **TEN THOUSANDS** | **THOUSANDS** | **HUNDREDS** | **TENS** | **UNITS** |  | **TENTHS** | **HUNDREDTHS** | **THOUSANDTHS** | **TEN THOUSANDTHS** | **HUNDRED THOUSANDTHS** |
| 8.0333 | 8.0333 |  |  |  |  |  |  |  |  |  | 8 | **.** | 0 | 3 | 3 | 3 |  |
| 1.1 x 109 | 1 100 000 000 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **.** |  |  |  |  |  |
| 0.08033 | 0.08033 |  |  |  |  |  |  |  |  |  | 0 | **.** | 0 | 8 | 0 | 3 | 3 |
| 0.803 | 0.803 |  |  |  |  |  |  |  |  |  | 0 | **.** | 8 | 0 | 3 |  |  |
| 1 Billion | 1 000 000 000 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **.** |  |  |  |  |  |
| 8.033x103 | 8 033 |  |  |  |  |  |  | 8 | 0 | 3 | 3 | **.** |  |  |  |  |  |
| 0.0803 | 0.0803 |  |  |  |  |  |  |  |  |  | 0 | **.** | 0 | 8 | 0 | 3 |  |
| 0.83 | 0.83 |  |  |  |  |  |  |  |  |  | 0 | **.** | 8 | 3 |  |  |  |
| 1x108 | 100 000 000 |  | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **.** |  |  |  |  |  |
| 8.033x102 | 803.3 |  |  |  |  |  |  |  | 8 | 0 | 3 | **.** | 3 |  |  |  |  |
|  |  | **BILLIONS** | **HUNDRED MILLIONS** | **TEN MILLIONS** | **MILLIONS** | **HUNDRED THOUSANDS** | **TEN THOUSANDS** | **THOUSANDS** | **HUNDREDS** | **TENS** | **UNITS** |  | **TENTHS** | **HUNDREDTHS** | **THOUSANDTHS** | **TEN THOUSANDTHS** | **HUNDRED THOUSANDTHS** |
| 1.1 x 109 | 1 100 000 000 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **.** |  |  |  |  |  |
| 1 Billion | 1 000 000 000 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **.** |  |  |  |  |  |
| 1x108 | 100 000 000 |  | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **.** |  |  |  |  |  |
| 8.033x103 | 8 033 |  |  |  |  |  |  | 8 | 0 | 3 | 3 | **.** |  |  |  |  |  |
| 8.033x102 | 803.3 |  |  |  |  |  |  |  | 8 | 0 | 3 | **.** | 3 |  |  |  |  |
| 8.0333 | 8.0333 |  |  |  |  |  |  |  |  |  | 8 | **.** | 0 | 3 | 3 | 3 |  |
| 0.83 | 0.83 |  |  |  |  |  |  |  |  |  | 0 | **.** | 8 | 3 |  |  |  |
| 0.803 | 0.803 |  |  |  |  |  |  |  |  |  | 0 | **.** | 8 | 0 | 3 |  |  |
| 0.08033 | 0.08033 |  |  |  |  |  |  |  |  |  | 0 | **.** | 0 | 8 | 0 | 3 | 3 |
| 0.0803 | 0.0803 |  |  |  |  |  |  |  |  |  | 0 | **.** | 0 | 8 | 0 | 3 |  |