

Below is a **place value** chart showing the values up to billions. Some important facts you should know:

1. We write all numbers in our number system using the digits: **0, 1, 2, 3, 4, 5, 6, 7, 8, 9**.
2. In a number, a digit's position determines its value and as we move to the left the values increase.
3. All groups include **ones, tens, hundreds**, but "one" is not in the name. For example: one millions is millions.
4. Groups are separated by commas ( , ).

**GROUPS**

Billions			Millions			Thousands			Ones		
hundreds	tens	ones	hundreds	tens	ones	hundreds	tens	ones	hundreds	tens	ones
4	2	0	3	5	7	1	8	3	2	9	6

420,357,183,296 { 4 hundred billions, 2 ten billions, 0 billions, 3 hundred millions, 5 ten millions, 7 millions, 1 hundred thousands, 8 ten thousands, 3 thousands, 2 hundreds, 9 tens, 6 ones

**Helpful example**

574,362,902,435 →

5	7	4	,	3	6	2	,	9	0	2	,	4	3	5

**Now your turn. Give the place value of each digit in the following numbers.**

Helpful example

1. 300,483,562 3 hundred millions, 0 ten millions, 0 millions, 4 hundred thousands, 8 ten thousands, 3 thousands, 5 hundreds, 6 tens, 2 ones

2. 78,390 7 ten thousands, 8 thousands, 3 hundreds, 9 tens, 0 ones

3. 5,340,217 5 millions, 3 hundred thousands, 4 ten thousands, 0 thousands, 2 hundreds, 1 tens, 7 ones

4. 906,318,572 9 hundred millions, 0 ten millions, 6 millions, 3 hundred thousands, 1 ten thousands, 8 thousands, 5 hundreds, 7 tens, 2 ones

5. 6,284 6 thousands, 2 hundreds, 8 tens, 4 ones

**Give the place value of the 2 in each of the following numbers.**

1. 234,077 2 hundred thousands      2. 4,802,587,408 2 millions      3. 524,306,891 2 ten millions

4. 342,567,140,043 2 billions      5. 916,029,710 2 ten thousands      6. 9,347,300,284 2 hundreds