Okay, let's think about placement values as if we're building a giant number house! In this house, each place value is like a room where different numbers live. The rooms have special names based on their position in the number. Let's take the number 1,234,567,890 as an example:

The rightmost room is the ones place. It's where you keep the ones digit, which in this case is 0. The next room to the left is the tens place where the tens digit, which is 9, lives. Then comes the hundreds place where the hundreds digit, 8, stays. This pattern continues to the billions place, which is like the biggest room in our number house. In our example, the billions place has the number 1.

To visualize it, think of each place value as a separate apartment in a tall building, with the ones being on the ground floor, tens on the 1st floor, hundreds on the 2nd, and so on. Each digit in a number tells us how many of something is in each apartment.

So if we break down 1,234,567,890 into its place values, we'd have:
Billions: 1
Millions: 2
Hundred thousands: 3
Ten thousands: 4
Thousands: 5
Hundreds: 6
Tens: 7
Ones: 0

It's like a big apartment building - the number 1,234,567,890 is like having different amounts of things in each apartment; for example, 1 billion, 2 million, 3 hundred thousand, 4 ten thousand, 5 thousand, 6 hundred, 7 tens, and 0 ones.