



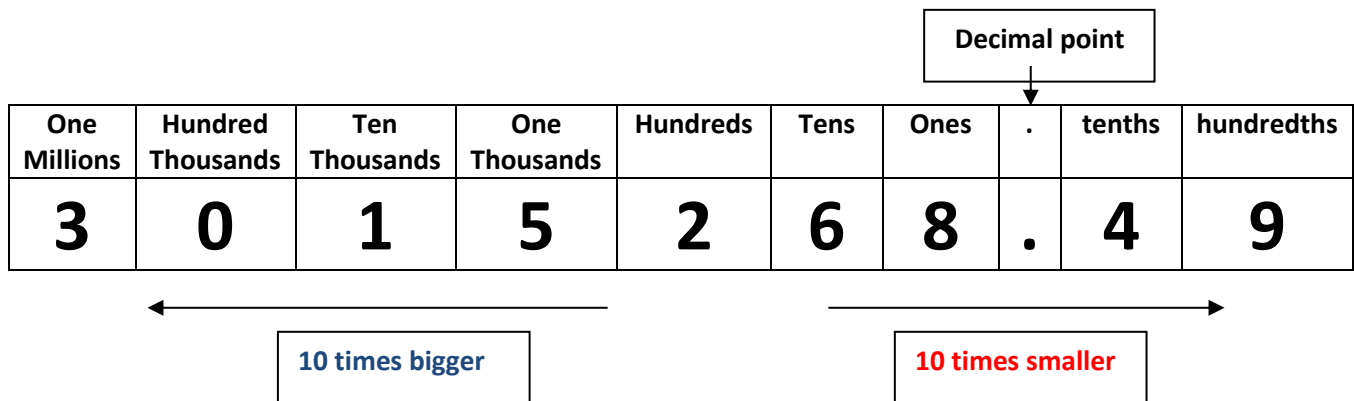
DEFINITION OF PLACE VALUE

Place value refers to the value of the digits in any given number.

In the number 482 for example, the value of the digit '4' is 400, the value of the digit '8' is 80 and the value of the digit '2' is simply 2.

At a more advanced level, in the number 36.57, the value of the digit '5' is 0.5 and the value of the digit '7' is 0.07.

In our number system, each time you move a place to the left, the value of the digit gets ten times bigger. Each time you move a place to the right, the value of the digit gets ten times smaller.



The diagram above shows place value from millions to hundredths.

Place value never ends, you can always make a new column to the left worth ten times more than the column before, and you can always make a new column to the right worth ten times less than the column before.