

# Decimals

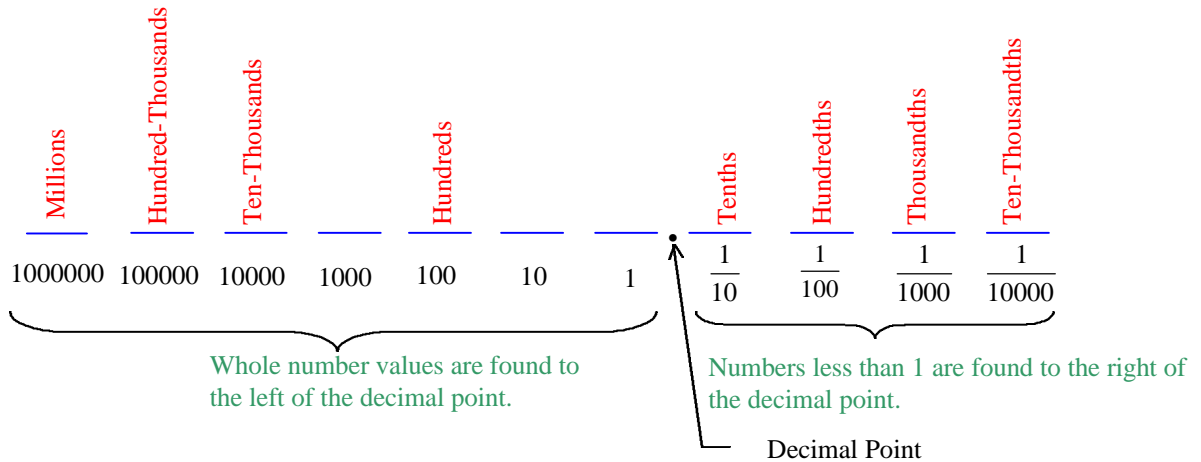
## What is a place value chart?

When you work with decimal numbers, you need to know about the place value chart.

Let's start by recalling how the decimal number system works:

Decimals are made up of the numerals 0-9. What they represent is based on how they are arranged horizontally with reference to a decimal point. To the left of the decimal point are whole values; to the right are amounts less than 1.

*The place value chart shows you what the numerals in a decimal number are worth. The diagram below shows a portion of the decimal place value chart:*



As you move across the place value chart from right to left, note how each position is 10 times greater than the previous.

Note how the whole number positions end with an “s”: ones, tens, hundreds, thousands, etc.

Note that the positions to the right of the decimal end with a “ths” ending: tenths, hundredths, thousandths, ten-thousandths, etc.