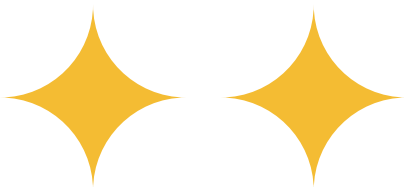
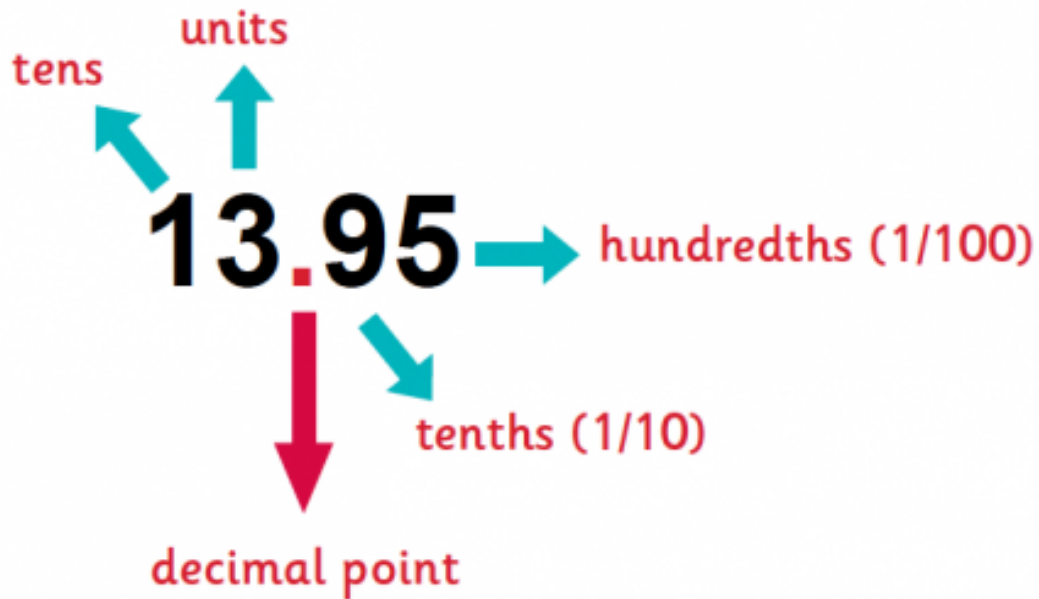




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Decimals



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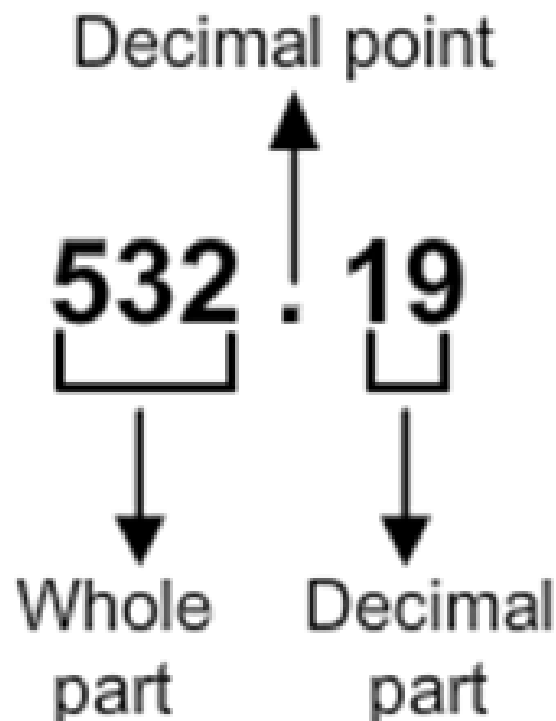
Try it..

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Hello

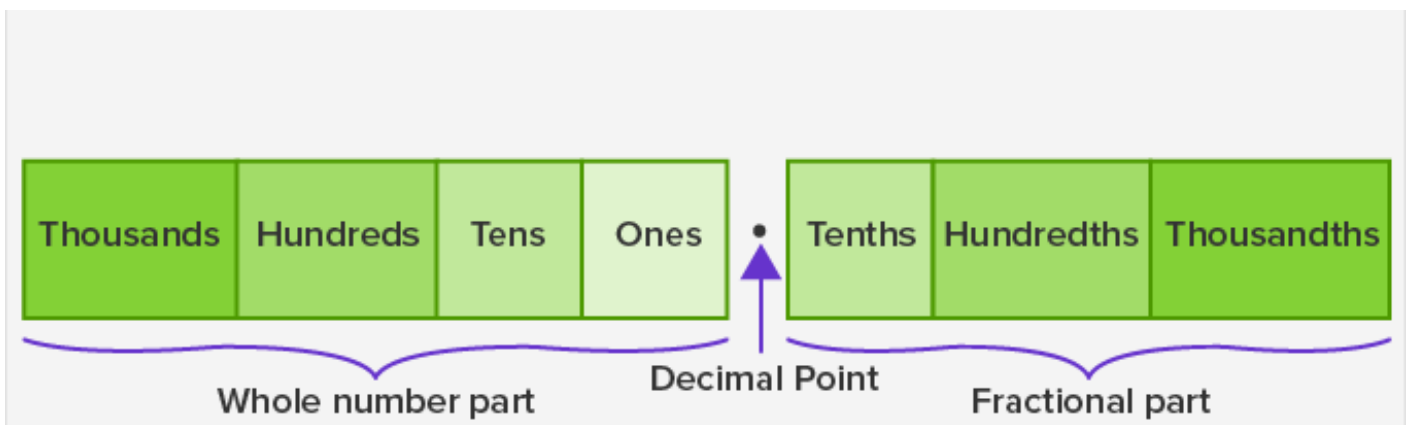
A **decimal number** consists of a whole number and a fractional part, separated by a **DOT**.

For example, in the number 532.19, 532 is the whole part and 19 is the decimal part.



How we write it?

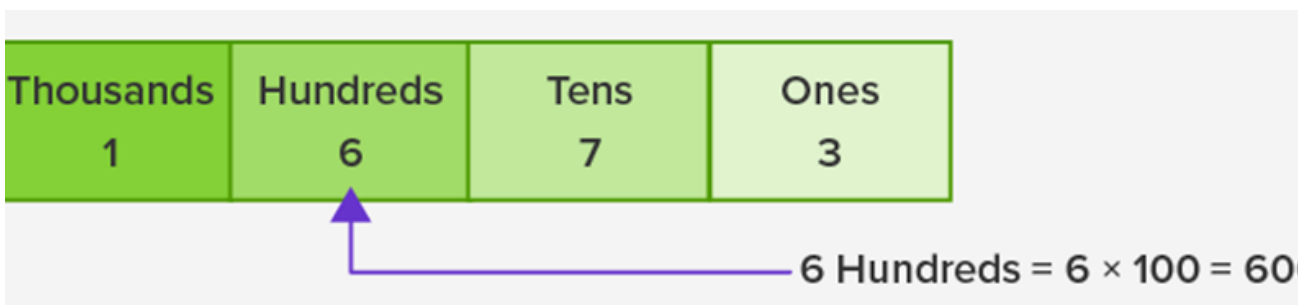
The place before the decimal point is expressed as Ones, Tens, Hundreds, Thousands, and so on (from right to left on the left side of decimal point) and the place after the decimal point (from left to right after the decimal point) are expressed as Tenths, Hundredths, Thousandths, and so on.



Example

Depending upon the **position** of a digit in a number, it has a value called its **place value**.

For example, the **place value** of the digit 6 in the number 1673 is 600 as 6 is in the **hundreds** place.



Try it ...

When you are asked to write the place value of the digits

For Example - Find the place value of 2 and 4 in the number 326.471

First, write the number in a decimal place value chart like this

Thousands	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths
	3	2	6		4	7	1

Then, look at the place of the digit and find its place value.

The digit 2 is in the tens place. Therefore, its place value is 2 tens or 20.

The digit 4 is in the tenths place. Therefore, its place value is 4 tenths or 0.4



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