Ls 9. DECIMALS

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* Decimal is another way of expressing a fraction.

* The dot on the point between the two digits is called the decimal point

DECIMAL PLACE VALUE CHART

CRORES		LAKHS		THOUSAND		ONES			DOT	TENTH	HUNDREDTH	THOUSANDTH
TEN CRORES	CRORE	TEN LAKHS	LAKHS	TEN THOUSAND	THOU-SAND	HUND-RED	TENS	ONES	•	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
10,00,00,000	1,00,00,000	10,00,000	1,00,000	10,000	1000	100	10	1	DECIMAL POINT	0·1	0·01	0·001

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	FRACTION	DECIMAL	READ AS
1.	$\frac{3}{10}$	0·3	zero point three
2.	$\frac{25}{100}$	0·25	zero point two five
3.	$\frac{3001}{100}$	30·01	Thirty point zero one
4	$\frac{14}{1000}$	0·014	zero point zero one four
5.	$415 \frac{189}{1000}$	415·189	Four hundred fifteen point one eight nine
6.	$107 \frac{23}{100}$	107·23	One hundred Seven point two three

A decimal number has <u>two</u> parts : - The <u>whole number part</u> and the <u>decimal part</u> separated by a decimal point.

Equivalent Decimals:- Decimal that name the same amount are called equivalent decimals.

e.g. $1.8 = 1.80 = 1.800$

Note : Writing zeros at the right hand end of a decimal number does not change its value.

Like Decimals :- Decimals having the same number of decimal places are called like decimals.

e.g. 2.04, 3.07, 7.27……

Unlike Decimals :- Decimals having different number of decimal places are called unlike decimals.

e.g. 2.04, 3.1, 7.004……