

By Er. Jitendra Sir

CGS System

cm gm sec

Length mass Time

m kg sec

MKS System

7

Basic Unit

Types

Rounding off

Consider ONE digit, Next digit to be retained

< 5 = drop it.

> 5 = 1 (↑) in last digit

= 5

Then see Next No.

If Even

Remain same

If Odd

1 (↑) in last digit

Derived From

International System of Unit

Derived Unit

SI Unit

Prefix

10 ⁻¹	deci (d)
10 ⁻²	Centi (c)
10 ⁻³	Milli (m)
10 ⁻⁶	Micro (μ)
10 ⁻⁹	Nano (n)
10 ⁻¹⁰	Angstrom (A°)
10 ⁻¹²	Pico (p)
10 ⁻¹⁵	Femto (f)

10 ¹	Deca (d)
10 ²	hecto(h)
10 ³	Killo gm(kg)
10 ⁶	Mega(M)
10 ⁹	Giga(G)
10 ¹²	Tera(T)

Frequency	Hz
Pressure	Pa or N/m ²
Volume	L
Resistance	Ω
Force	N
Energy	Joule
Power	Watt

Anjit Academy

Repre.	System	Unit
l	Length	m
m	mass	kg
t	time	sec
I	current	A
T	Temp	K
n	moles	mol
i	Lum. Int.	Cd