

METRIC SYSTEM REFERENCE CHART

Prefix	Symbol	Multiplier	Power of 10
Giga	G	1,000,000,000	10^9
Mega	M	1,000,000	10^6
Kilo	k	1,000	10^3
Hecto	h	100	10^2
Deka	da	10	10^1
(Base Unit)	-	1	10^0
Deci	d	0.1	10^{-1}
Centi	c	0.01	10^{-2}
Milli	m	0.001	10^{-3}
Micro	μ	0.000001	10^{-6}
Nano	n	0.000000001	10^{-9}

Measurement	Base Unit	Common Increments
Length	Meter (m)	10mm = 1cm 100cm = 1m 1000m = 1km
Mass	Gram (g)	1000mg = 1g 1000g = 1kg 1000kg = 1t
Volume	Liter (L)	1000mL = 1L $1\text{cm}^3 = 1\text{mL}$
Temp	Celsius (C)	0C Freezing 100C Boiling