

METRIC SYSTEM PREFIXES

Multiplication factor	Prefix	Symbol
1,000,000,000 = 10^9	GIGA	G
1,000,000 = 10^6	MEGA	M
1,000 = 10^3	KILO	k
100 = 10^2	HECTO	h
10 = 10^1	DECA	da
1 = 1 basic unit, e.g. meter (m), gram (g), liter (l) etc.		
0.1 = 10^{-1}	deci	d
0.01 = 10^{-2}	centi	c
0.001 = 10^{-3}	milli	m
0.000001 = 10^{-6}	micro	μ
0.000000001 = 10^{-9}	nano	n

Example: Convert 2.5 liters to milliliters: $2.5l \times \frac{1000 \text{ ml}}{1l} = 2500 \text{ ml}$

