

Metric System

The metric system is a way we can measure different quantities of things based on powers of ten, used throughout many different units, based on prefixes.

Name	Scaling	Factor
tera-	1,000,000,000,000	10^{12}
giga-	1,000,000,000	10^9
mega-	1,000,000	10^6
kilo-	1,000	10^3
hecto-	100	10^2
deka-	10	10^1
	1	10^0
deci-	1/10	10^{-1}
centi-	1/100	10^{-2}
milli-	1/1,000	10^{-3}
micro-	1/1,000,000	10^{-6}
nano-	1/1,000,000,000	10^{-9}
pico-	1/1,000,000,000,000	10^{-12}