

List of Prefixes in the Metric System

Prefix	Symbol	Numerical Value	Exponential Value
quetta	Q	1,000,000,000,000,000,000,000,000,000,000	10^{30}
ronna	R	1,000,000,000,000,000,000,000,000,000	10^{27}
yotta	Y	1,000,000,000,000,000,000,000,000	10^{24}
zetta	Z	1,000,000,000,000,000,000,000	10^{21}
exa	E	1,000,000,000,000,000,000	10^{18}
peta	P	1,000,000,000,000,000	10^{15}
tera	T	1,000,000,000,000	10^{12}
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
no prefix		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}
pico	p	0.0000000000001	10^{-12}
femto	f	0.00000000000000001	10^{-15}
atto	a	0.0000000000000000001	10^{-18}
zepto	z	0.00000000000000000000001	10^{-21}
yocto	y	0.000000000000000000000000001	10^{-24}
ronto	r	0.0000000000000000000000000000001	10^{-27}
quecto	q	0.000000000000000000000000000000001	10^{-30}