

Prefixes

Name	Symbol	Power of 10	Decimal multiplier
tera	T	$\times 10^{12}$	1 000 000 000 000
giga	G	$\times 10^9$	1 000 000 000
mega	M	$\times 10^6$	1 000 000
kilo	k	$\times 10^3$	1 000
hecto	h	$\times 10^2$	100
deca	da	$\times 10^1$	10
		$\times 10^0$	1
deci	d	$\times 10^{-1}$	0.1
centi	c	$\times 10^{-2}$	0.01
milli	m	$\times 10^{-3}$	0.001
micro	μ	$\times 10^{-6}$	0.000 001
nano	n	$\times 10^{-9}$	0.000 000 001
pico	p	$\times 10^{-12}$	0.000 000 000 001

$$1\text{k} = 1 \times 10^3 = 1\,000$$

$$3\text{k} = 3 \times 10^3 = 3\,000$$

$$4.6\text{k} = 4.6 \times 10^3 = 4\,600$$

$$2\,000 = 2\text{k}$$

$$5\,000 = 5\text{k}$$

$$3\,400 = 3.4\text{k}$$

$$1\mu = 1 \times 10^{-6} = \frac{1}{1\,000\,000} = 0.000\,001$$

$$2\mu = 2 \times 10^{-6} = \frac{2}{1\,000\,000} = 0.000\,002$$

$$400\mu = 400 \times 10^{-6} = \frac{400}{1\,000\,000} = 0.000\,4$$

$$0.012457 = 12457 \times 10^{-6} = \frac{12457}{1\,000\,000} = 12\,457\mu$$