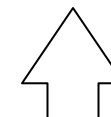


## Metric Prefixes

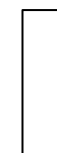
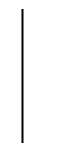
---Memorize the symbols and the meanings of the prefixes shown here.---

tera	T	1 Tera unit = $1 \times 10^{12}$
giga	G	1 Giga unit = $1 \times 10^9$
mega-	M	1 Mega unit = $1 \times 10^6$ units
kilo-	k	1 kilo unit = 1,000 units
hecto-	h	1 hecto unit = 100 units
deka-	da	1 deka unit = 10 units
Base unit	Examples: g, m, mol, L, s, J, Pa	
deci-	d	1 unit = 10 deci units
centi-	c	1 unit = 100 centi units
milli-	m	1 unit = 1000 milli units
micro-	$\mu$ "mu"	1 unit = $1 \times 10^6$ micro units
nano-	n	1 unit = $1 \times 10^9$ nano units
pico-	p	1 unit = $1 \times 10^{12}$ pico units

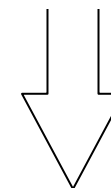
Largest  
unit



Units larger than the base unit



Units smaller than the base unit



Smallest  
unit