

Common Prefixes Used with SI Units

Prefix	Symbol	Conversion Factor to Base Unit	Order of Magnitude
Giga-	G	1,000,000,000 base = 1 Giga	10^9
Mega-	M	1,000,000 base = 1 Mega	10^6
kilo-	k	1,000 base = 1 kilo	10^3
hecto	h	100 base = 1 hecto	10^2
deka-	da	10 base = 1 deka	10^1
	Base Unit	1 base	10^0
deci-	d	1 base = 10 deci	10^{-1}
centi-	c	1 base = 100 centi	10^{-2}
milli-	m	1 base = 1,000 milli	10^{-3}
micro-	μ	1 base = 1,000,000 micro	10^{-6}
nano-	n	1 base = 1,000,000,000 nano	10^{-9}
pico-	p	1 base = 1,000,000,000,000 pico	10^{-12}

Original
2(#HL)

When you finish your exam, pick up an AP Chem textbook, flip to the glossary, and write down the following definitions in your notebook:

Anion	Cation	Chemical Change	Electromagnetic Radiation
Energy	Frequency	Ground State	Heat
Law of Conservation of Energy	Octet Rule	Phase Diagram	Physical Change
Photon	Planck's Constant	States (of matter)	Wavelength