The Metric System - Prefixes

Symbol	Prefix	Factor	Example
T	tera-	10^{12}	1 m = 10^{-12} Tm
G	giga-	10^{9}	1 m = 10^{-9} Gm
M	mega-	10^{6}	1 m = 10^{-6} Mm
k	kilo-	10^{3}	1 m = 10^{-3} km
h	hecto-	10^{2}	1 m = 10^{-2} hm
da or D	deka or deca-	10^{1}	1 m = 10^{-1} dam
m, g, or L*	basic unit	10^{0}	1 m = 1 m
d	deci-	10^{-1}	1 m = 10^{1} dm
c	centi-	10^{-2}	1 m = 10^{2} cm
m	milli-	10^{-3}	1 m = 10^{3} mm
μ Greek letter "mu"	micro-	10^{-6}	1 m = 10^{6} μm
n	nano-	10^{-9}	1 m = 10^{9} nm
∘ A	∘ Angstrom	10^{-10}	1 m = 10^{10} ∘Am
p	pico-	10^{-12}	1 m = 10^{12} pm
f	femto-	10^{-15}	1 m = 10^{15} fm
a	atto-	10^{-18}	1 m = 10^{18} am

* The abbreviation for liter has officially been changed from the script *l* to a capital L. Many typewriters could not make the script letter. The regular letter l in lower case looked too much like a number 1. Use L for liter.