

Metric System prefixes

	quadrillion	10^{15}	Peta	P	light year
	trillion	10^{12}	Tera	T	
	billion	10^9	Giga	G	planet orbits
	1,000,000	10^6	Mega	M	earth
	1000	10^3	kilo	k	city
	100	10^2	hecto	h	Wind Crest
	10	10^1	deca	dk	house
	1	10^0	--		human scale (meter)
	0.1	10^{-1}	deci	d	
	0.01	10^{-2}	centi	c	finger
	0.001	10^{-3}	milli	m	fingernail
	one millionth	10^{-6}	micro	μ	hair
	one billionth	10^{-9}	nano	n	molecules
	one trillionth	10^{-12}	pico	p	
	one quadrillionth	10^{-15}	femto	f	nuclei

Our Solar System

Planet	distance from sun	length of year	Radius	Mass	Density
	astronomical units	earth years	km	earth masses	g / cm ³
Mercury	0.39	0.24	2425	0.055	5.4
Venus	0.72	0.61	6070	0.815	5.2
Earth	1.00	1.00	6378	1.000	5.518
Mars	1.52	1.88	3395	0.108	3.95
Jupiter	5.20	11.86	71300	317.830	1.34
Saturn	9.54	29.46	60100	95.147	0.70
Uranus	19.2	84.01	24500	14.540	1.58
Neptune	30.1	164.79	25100	17.230	2.30
[Pluto]	39.5	247.7	1188	0.0022	2.03