
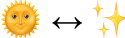
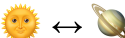
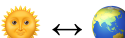








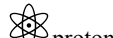


# Metric/SI prefixes

Prefix		Base 10	Decimal	Fraction	Name	Spatial scale (m)	Units (m)		Etymology	
Name	Symbol						Name	Abbr.	Origin	Meaning
exa	E	10 <sup>18</sup>	1,000,000,000,000,000,000		One quintillion		exameter	Em	ἕξ	Six: (10 <sup>3</sup> ) <sup>6</sup>
peta	P	10 <sup>15</sup>	1,000,000,000,000,000		One quadrillion		petameter	Pm	πέντε	Five: (10 <sup>3</sup> ) <sup>5</sup>
tera	T	10 <sup>12</sup>	1,000,000,000,000		One trillion		terameter	Tm	τέτταρες	Four: (10 <sup>3</sup> ) <sup>4</sup>
giga	G	10 <sup>9</sup>	1,000,000,000		One billion		gigameter	Gm	γίγας	Giant
mega	M	10 <sup>6</sup>	1,000,000		One million		megameter	Mm	μέγας	Big, great
kilo	k	10 <sup>3</sup>	1,000		One thousand		kilometer	km	χίλιοι	Thousand
—	—	10 <sup>0</sup>	1		One		meter	m	—	—
centi	c	10 <sup>-2</sup>	0.01	$\frac{1}{100}$	One hundredth		centimeter	cm	centi (L.)	Hundredth
milli	m	10 <sup>-3</sup>	0.001	$\frac{1}{1,000}$	One thousandth		millimeter	mm	mille (L.)	Thousandth
micro	μ	10 <sup>-6</sup>	0.000 001	$\frac{1}{1,000,000}$	One millionth		micrometer	μm	μικρός	Small
nano	n	10 <sup>-9</sup>	0.000 000 001	$\frac{1}{1,000,000,000}$	One billionth		nanometer	nm	νᾶνος	Dwarf
pico	p	10 <sup>-12</sup>	0.000 000 000 001	$\frac{1}{1,000,000,000,000}$	One trillionth		picometer	pm	pico (Sp.)	Tiny bit
femto	f	10 <sup>-15</sup>	0.000 000 000 000 001	$\frac{1}{1,000,000,000,000,000}$	One quadrillionth	 proton	femtometer	fm	femten (Dan.)	Fifteen

\* SI is an abbreviation from the French: *Système international d'unités*  
English: International system of units

L = Latin; Sp. = Spanish; Dan = Danish