

**Table 4. SI Metric Unit Prefixes**

<b>Metric System Prefixes</b>				
<u>Prefix</u>	<u>Symbol</u>	<u>Factor</u>	<u>Ordinary Notation</u>	<u>U.S. Name</u>
yotta	Y	10 <sup>24</sup>	1 000 000 000 000 000 000 000 000	septillion
zetta	Z	10 <sup>21</sup>	1 000 000 000 000 000 000 000	sextillion
exa	E	10 <sup>18</sup>	1 000 000 000 000 000 000	quintillion
peta	P	10 <sup>15</sup>	1 000 000 000 000 000	quadrillion
tera	T	10 <sup>12</sup>	1 000 000 000 000	trillion
giga	G	10 <sup>9</sup>	1 000 000 000	billion
mega	M	10 <sup>6</sup>	1 000 000	million
kilo	k	10 <sup>3</sup>	1 000	thousand
hecto	h	10 <sup>2</sup>	100	hundred
deka	da	10 <sup>1</sup>	10	ten
		10 <sup>0</sup>	1	one
deci	d	10 <sup>-1</sup>	0.1	tenth
centi	c	10 <sup>-2</sup>	0.01	hundredth
milli	m	10 <sup>-3</sup>	0.001	thousandth
micro	μ	10 <sup>-6</sup>	0.000 001	millionth
nano	n	10 <sup>-9</sup>	0.000 000 001	billionth
pico	p	10 <sup>-12</sup>	0.000 000 000 001	trillionth
femto	f	10 <sup>-15</sup>	0.000 000 000 000 001	quadrillionth
atto	a	10 <sup>-18</sup>	0.000 000 000 000 000 001	quintillionth
zepto	z	10 <sup>-21</sup>	0.000 000 000 000 000 000 001	sextillionth
yocto	y	10 <sup>-24</sup>	0.000 000 000 000 000 000 000 001	septillionth

**Etymologies**

<u>Prefix</u>	<u>Pronunciation</u>	<u>Origin</u>
yotta	YOTE-uh or YOTT-uh	Latin: "eight" [(10 <sup>3</sup> ) <sup>8</sup> ]
zetta	ZETT-uh	Latin: "seven" [(10 <sup>3</sup> ) <sup>7</sup> ]
exa	EX-uh	Greek: "six" [(10 <sup>3</sup> ) <sup>6</sup> ]
peta	PET-uh	Greek: "five" [(10 <sup>3</sup> ) <sup>5</sup> ]
tera	TAIR-uh	Greek: "monster"
giga	JIG-uh or GIG-uh	Greek: "giant"
mega	MEG-uh	Greek: "big"
kilo	KILL-oh	Greek: "thousand"
hecto	HECK-toe	Greek: "hundred"
deka	DECK-uh	Greek: "ten"
deci	DESS-ih	Latin: "tenth"
centi	SENT-ih	Latin: "hundredth"
milli	MILL-ih	Latin: "thousandth"
micro	MIKE-roe	Greek: "small"
nano	NAN-oh	Greek: "dwarf"
pico	PEEK-oh	Spanish: "tiny bit"
femto	FEM-toe	Dano-Norwegian: "fifteen"
atto	AT-toe	Dano-Norwegian: "eighteen"
zepto	ZEP-toe	Latin: "seven" [(10 <sup>3</sup> ) <sup>7</sup> ]
yocto	YOCK-toe	Latin: "eight" [(10 <sup>3</sup> ) <sup>8</sup> ]

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