

Table A.1 Large Numbers

<i>"Normal" notation</i>	<i>Scientific notation</i>	<i>Standard name</i>
1	1×10^0	One
10	1×10^1	Ten (<i>deca-</i>)
100	1×10^2	Hundred (<i>hecto-</i>)
1000	1×10^3	Thousand (<i>kilo-</i>)
10,000	1×10^4	
100,000	1×10^5	
1,000,000	1×10^6	Million (<i>mega-</i>)
10,000,000	1×10^7	
100,000,000	1×10^8	
1,000,000,000	1×10^9	Billion (<i>giga-</i>)
1,000,000,000,000	1×10^{12}	Trillion (<i>tera-</i>)

Table A.2 Small Numbers

<i>"Normal" notation</i>	<i>Scientific notation</i>	<i>Standard name</i>
0.1	1×10^{-1}	Tenth (<i>deci-</i>)
0.01	1×10^{-2}	Hundredth (<i>centi-</i>)
0.001	1×10^{-3}	Thousandth (<i>milli-</i>)
0.0001	1×10^{-4}	
0.00001	1×10^{-5}	
0.000001	1×10^{-6}	Millionth (<i>micro-</i>)
0.000000001	1×10^{-9}	Billionth (<i>nano-</i>)
0.000000000001	1×10^{-12}	Trillionth (<i>pico-</i>)

Table A.3 Mixing Fraction Definitions

One part per million	1 ppm	1×10^{-6}	one out of each million
One part per billion	1 ppb	1×10^{-9}	one out of each billion
One part per trillion	1 ppt	1×10^{-12}	one out of each trillion