

1											Group 13						Group 14		Group 15		Group 16		Group 17		Group 18											
1	H Hydrogen 1.007 94												B Boron 10.811		C Carbon 12.0107		N Nitrogen 14.006 74		O Oxygen 15.9994		F Fluorine 18.998 4032		Ne Neon 20.1797													
2	Li Lithium 6.941		Be Beryllium 9.012 182												Al Aluminum 26.981 538		Si Silicon 28.0855		P Phosphorus 30.973 761		S Sulfur 32.066		Cl Chlorine 35.4527		Ar Argon 39.948											
3	Na Sodium 22.989 770		Mg Magnesium 24.3050												Ga Gallium 69.723		Ge Germanium 72.61		As Arsenic 74.921 60		Se Selenium 78.96		Br Bromine 79.904		Kr Krypton 83.80											
4	K Potassium 39.0983		Ca Calcium 40.078		Group 3		Group 4		Group 5		Group 6		Group 7		Group 8		Group 9		Group 10		Group 11		Group 12		In Indium 114.818		Sn Tin 118.710		Sb Antimony 121.760		Te Tellurium 127.60		I Iodine 126.904 47		Xe Xenon 131.29	
5	Rb Rubidium 85.4678		Sr Strontium 87.62		Y Yttrium 88.905 85		Zr Zirconium 91.224		Nb Niobium 92.906 38		Mo Molybdenum 95.94		Tc Technetium (98)		Ru Ruthenium 101.07		Rh Rhodium 102.905 50		Pd Palladium 106.42		Ag Silver 107.8682		Cd Cadmium 112.411		Ge Gallium 69.723		Ge Germanium 72.61		As Arsenic 74.921 60		Se Selenium 78.96		Br Bromine 79.904		Kr Krypton 83.80	
6	Cs Cesium 132.905 45		Ba Barium 137.327		La Lanthanum 138.9055		Hf Hafnium 178.49		Ta Tantalum 180.9479		W Tungsten 183.84		Re Rhenium 186.207		Os Osmium 190.23		Ir Iridium 192.217		Pt Platinum 195.078		Au Gold 196.966 55		Hg Mercury 200.59		Tl Thallium 204.3833		Pb Lead 207.2		Bi Bismuth 208.980 38		Po Polonium (209)		At Astatine (210)		Rn Radon (222)	
7	Fr Francium (223)		Ra Radium (226)		Ac Actinium (227)		Rf Rutherfordium (261)		Db Dubnium (262)		Sg Seaborgium (263)		Bh Bohrium (264)		Hs Hassium (265) [†]		Mt Meitnerium (268) [†]		Uun* Ununnilium (269) [†]		Uuu* Ununium (272) [†]		Uub* Unubium (277) [†]				Uuq* Ununquadium (285) [†]									

Key:

6	Atomic number
C	Symbol
Carbon	Name
12.0107	Average atomic mass

- Metals**
- Alkali metals
 - Alkaline-earth metals
 - Transition metals
 - Other metals
- Nonmetals**
- Hydrogen
 - Semiconductors
 - Halogens
 - Noble gases
 - Other nonmetals

A team at Lawrence Berkeley National reported the discovery of elements 116 and 118 in June 1999. The same team retracted the discovery in July 2001. The discovery of element 114 has been reported but not confirmed.

[†] Estimated from currently available IUPAC data.

* The systematic names and symbols for elements greater than 109 will be used until the approval of trivial names by IUPAC.

58	59	60	61	62	63	64	65	66	67	68	69	70	71
Ce Cerium 140.116	Pr Praseodymium 140.907 65	Nd Neodymium 144.24	Pm Promethium (145)	Sm Samarium 150.36	Eu Europium 151.964	Gd Gadolinium 157.25	Tb Terbium 158.925 34	Dy Dysprosium 162.50	Ho Holmium 164.930 32	Er Erbium 167.26	Tm Thulium 168.934 21	Yb Ytterbium 173.04	Lu Lutetium 174.967
90	91	92	93	94	95	96	97	98	99	100	101	102	103
Th Thorium 232.0381	Pa Protactinium 231.035 88	U Uranium 238.0289	Np Neptunium (237)	Pu Plutonium (244)	Am Americium (243)	Cm Curium (247)	Bk Berkelium (247)	Cf Californium (251)	Es Einsteinium (252)	Fm Fermium (257)	Md Mendelevium (258)	No Nobelium (259)	Lr Lawrencium (262)

The atomic masses listed in this table reflect the precision of current measurements. (Values listed in parentheses are those of the element's most stable or most common isotope.) In calculations throughout the text, however, atomic masses have been rounded to two places to the right of the decimal.