

PERIODIC TABLE OF ELEMENTS

GROUP																	18		
1 **		2																	2
IA ***		IIA																	VIIIA
1	H hydrogen 1.008																		He helium 4.003
2	Li lithium 6.941(2)	Be beryllium 9.012																Ne neon 20.18	
3	Na sodium 22.99	Mg magnesium 24.31																Ar argon 39.95	
4	K potassium 39.10	Ca calcium 40.08	Sc scandium 44.96	Ti titanium 47.87	V vanadium 50.94	Cr chromium 52.00	Mn manganese 54.94	Fe iron 55.85	Co cobalt 58.93	Ni nickel 58.69	Cu copper 63.55	Zn zinc 65.38(2)	Ga gallium 69.72	Ge germanium 72.63	As arsenic 74.92	Se selenium 78.97	Br bromine 79.90	Kr krypton 83.80	
5	Rb rubidium 85.47	Sr strontium 87.62	Y yttrium 88.91	Zr zirconium 91.22	Nb niobium 92.91	Mo molybdenum 95.95	Tc technetium (97)	Ru ruthenium 101.1	Rh rhodium 102.9	Pd palladium 106.4	Ag silver 107.9	Cd cadmium 112.4	In indium 114.8	Sn tin 118.7	Sb antimony 121.8	Te tellurium 127.6	I iodine 126.9	Xe xenon 131.3	
6	Cs cesium 132.9	Ba barium 137.3	Lanthanoids 57-71	Hf hafnium 178.5	Ta tantalum 180.9	W tungsten 183.8	Re rhenium 186.2	Os osmium 190.2	Ir iridium 192.2	Pt platinum 195.1	Au gold 197.0	Hg mercury 200.6	Tl thallium 204.4	Pb lead 207.2	Bi bismuth 209.0	Po polonium (209)	At astatine (210)	Rn radon (222)	
7	Fr francium (223)	Ra radium (226)	Actinoids 89-103	Rf rutherfordium (267)	Db dubnium (268)	Sg seaborgium (269)	Bh bohrium (270)	Hs hassium (269)	Mt meitnerium (277)	Ds darmstadtium (281)	Rg roentgenium (282)	Cn copernicium (285)	Nh nihonium (286)	Fl flerovium (290)	Mc moscovium (290)	Lv livermorium (293)	Ts tennessine (294)	Og oganesson (294)	

Legend:

- Alkali Metals
- Alkaline-Earth Metals
- Transition Metals
- Other Metals
- Other Nonmetals
- Halogens
- Noble Gases
- Actinoid Elements
- Rare-Earth Elements (21, 39, 57-71) & Lanthanoid Elements (57-71 Only)

Example Element: **Ag** (Silver)

Atomic Number: 47
Symbol: Ag
Element Name: silver
Atomic Mass: 107.9

* IUPAC conventional atomic weights; standard atomic weights for these elements are expressed in intervals; see iupac.org for an explanation and values. ** Numbering system adopted by IUPAC. *** Numbering system widely used from the mid-20th century. () indicates the mass number of the longest-lived isotope.

57	La lanthanum 138.90547	58	Ce cerium 140.116	59	Pr praseodymium 140.907	60	Nd neodymium 144.242	61	Pm promethium (145)	62	Sm samarium 150.36	63	Eu europium 151.964	64	Gd gadolinium 157.25	65	Tb terbium 158.92535	66	Dy dysprosium 162.500	67	Ho holmium 164.93033	68	Er erbium 167.259	69	Tm thulium 168.93422	70	Yb ytterbium 173.054	71	Lu lutetium 174.9668
89	Ac actinium (227)	90	Th thorium 232.0377	91	Pa protactinium 231.03588	92	U uranium 238.02891	93	Np neptunium (237)	94	Pu plutonium (244)	95	Am americium (243)	96	Cm curium (247)	97	Bk berkelium (247)	98	Cf californium (251)	99	Es einsteinium (252)	100	Fm fermium (257)	101	Md mendelevium (258)	102	No nobelium (259)	103	Lr lawrencium (262)