

The Periodic Table of the Elements

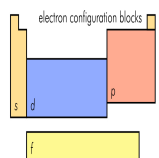
													13		14		15		16		17		18	
													B	C	N	O	F	Ne						
													Al	Si	P	S	Cl	Ar						
													Ga	Ge	As	Se	Br	Kr						
													In	Sn	Sb	Te	I	Xe						
													Tl	Pb	Bi	Po	At	Rn						
													Uut	Uuq	Uup	Uuh	Uus	Uuo						

1	2											18					
H	He											He					
Li	Be											B	C	N	O	F	Ne
Na	Mg											Al	Si	P	S	Cl	Ar
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe
Cs	Ba	Lu	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn
Fr	Ra	Lr	Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Uut	Uuq	Uup	Uuh	Uus	Uuo

138.9054	140.116	140.9076	144.242	(145)	150.36	151.964	157.25	158.9253	162.500	164.9303	167.259	168.9342	173.054	70
La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	
(227)	232.0377	231.0368	238.0289	(237)	244	243	247	247	251	252	257	258	101	102
Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	

atomic mass: 55.845
 or most stable mass number: 26
 1st ionization energy: 762.5 kJ/mol
 electronegativity: 1.83
 chemical symbol: Fe
 name: Iron
 electron configuration: [Ar] 3d⁶ 4s²

- alkali metals
- alkaline metals
- other metals
- transition metals
- lanthanoids
- actinoids
- metalloids
- nonmetals
- halogens
- noble gases
- unknown elements
- radioactive elements have masses in parenthesis



- notes
- as of yet, elements 113-118 have no official name designated by the IUPAC.
 - 1 kJ/mol ≈ 96.485 eV.
 - all elements are implied to have an oxidation state of zero.