

# Periodic Table of the Elements

GROUP  
IA

1	<b>H</b> Hydrogen 1.00794
2	<b>Li</b> Lithium 6.941
3	<b>Na</b> Sodium 22.98977
4	<b>K</b> Potassium 39.0983
5	<b>Rb</b> Rubidium 85.4678
6	<b>Cs</b> Cesium 132.90545
7	<b>Fr</b> Francium (223)

<ul style="list-style-type: none"> <li>Solids</li> <li>Liquids</li> <li>Gases</li> <li>Artificially Prepared</li> </ul>	Atomic Number — 26 Symbol — <b>Fe</b> Name — Iron Hydrogen — 1.0079 Atomic Weight —
---	---

VIII

5	<b>B</b> Boron 10.811	6	<b>C</b> Carbon 12.0107	7	<b>N</b> Nitrogen 14.00674	8	<b>O</b> Oxygen 15.9994	9	<b>F</b> Fluorine 18.99840	10	<b>Ne</b> Neon 20.1797
13	<b>Al</b> Aluminum 26.98154	14	<b>Si</b> Silicon 28.0855	15	<b>P</b> Phosphorus 30.97376	16	<b>S</b> Sulfur 32.066	17	<b>Cl</b> Chlorine 35.4527	18	<b>Ar</b> Argon 39.948
31	<b>Ga</b> Gallium 69.723	32	<b>Ge</b> Germanium 72.61	33	<b>As</b> Arsenic 74.92160	34	<b>Se</b> Selenium 78.96	35	<b>Br</b> Bromine 79.904	36	<b>Kr</b> Krypton 83.80
49	<b>In</b> Indium 114.818	50	<b>Sn</b> Tin 118.710	51	<b>Sb</b> Antimony 121.760	52	<b>Te</b> Tellurium 127.60	53	<b>I</b> Iodine 126.90447	54	<b>Xe</b> Xenon 131.29
81	<b>Tl</b> Thallium 204.3833	82	<b>Pb</b> Lead 207.2	83	<b>Bi</b> Bismuth 208.98038	84	<b>Po</b> Polonium (209)	85	<b>At</b> Astatine (210)	86	<b>Rn</b> Radon (222)

19	<b>K</b> Potassium 39.0983	20	<b>Ca</b> Calcium 40.078	21	<b>Sc</b> Scandium 44.95591	22	<b>Ti</b> Titanium 47.867	23	<b>V</b> Vanadium 50.9415	24	<b>Cr</b> Chromium 51.9961	25	<b>Mn</b> Manganese 54.93805	26	<b>Fe</b> Iron 55.845	27	<b>Co</b> Cobalt 58.93320	28	<b>Ni</b> Nickel 58.6934	29	<b>Cu</b> Copper 63.546	30	<b>Zn</b> Zinc 65.39
37	<b>Rb</b> Rubidium 85.4678	38	<b>Sr</b> Strontium 87.62	39	<b>Y</b> Yttrium 88.90585	40	<b>Zr</b> Zirconium 91.224	41	<b>Nb</b> Niobium 92.90638	42	<b>Mo</b> Molybdenum 95.94	43	<b>Tc</b> Technetium (98)	44	<b>Ru</b> Ruthenium 101.07	45	<b>Rh</b> Rhodium 102.90550	46	<b>Pd</b> Palladium 106.42	47	<b>Ag</b> Silver 107.8682	48	<b>Cd</b> Cadmium 112.411
55	<b>Cs</b> Cesium 132.90545	56	<b>Ba</b> Barium 137.327	57	<b>La</b> Lanthanum 138.9055	58	<b>Ce</b> Cerium 140.116	59	<b>Pr</b> Praseodymium 140.90765	60	<b>Nd</b> Neodymium 144.24	61	<b>Pm</b> Promethium (145)	62	<b>Sm</b> Samarium 150.36	63	<b>Eu</b> Europium 151.964	64	<b>Gd</b> Gadolinium 157.25	65	<b>Tb</b> Terbium 158.92534		
87	<b>Fr</b> Francium (223)	88	<b>Ra</b> Radium (226)	89	<b>Ac</b> Actinium (227)	90	<b>Th</b> Thorium 232.0381	91	<b>Pa</b> Protactinium 231.03588	92	<b>U</b> Uranium 238.0289	93	<b>Np</b> Neptunium (237)	94	<b>Pu</b> Plutonium (244)	95	<b>Am</b> Americium (243)	96	<b>Cm</b> Curium (247)	97	<b>Bk</b> Berkelium (247)		
104	<b>Rf</b> Rutherfordium (261)	105	<b>Db</b> Dubnium (262)	106	<b>Sg</b> Seaborgium (263)	107	<b>Bh</b> Bohrium (264)	108	<b>Hs</b> Hassium (265)	109	<b>Mt</b> Meitnerium (268)	110	<b>Uun</b> Ununium (269)	111	<b>Uuu</b> Ununium (272)	112	<b>Uub</b> Ununium (272)						

57	<b>La</b> Lanthanum 138.9055	58	<b>Ce</b> Cerium 140.116	59	<b>Pr</b> Praseodymium 140.90765	60	<b>Nd</b> Neodymium 144.24	61	<b>Pm</b> Promethium (145)	62	<b>Sm</b> Samarium 150.36	63	<b>Eu</b> Europium 151.964	64	<b>Gd</b> Gadolinium 157.25	65	<b>Tb</b> Terbium 158.92534	66	<b>Dy</b> Dysprosium 162.50	67	<b>Ho</b> Holmium 164.93032	68	<b>Er</b> Erbium 167.26	69	<b>Tm</b> Thulium 168.93421	70	<b>Yb</b> Ytterbium 173.04	71	<b>Lu</b> Lutetium 174.967
89	<b>Ac</b> Actinium (227)	90	<b>Th</b> Thorium 232.0381	91	<b>Pa</b> Protactinium 231.03588	92	<b>U</b> Uranium 238.0289	93	<b>Np</b> Neptunium (237)	94	<b>Pu</b> Plutonium (244)	95	<b>Am</b> Americium (243)	96	<b>Cm</b> Curium (247)	97	<b>Bk</b> Berkelium (247)	98	<b>Cf</b> Californium (251)	99	<b>Es</b> Einsteinium (252)	100	<b>Fm</b> Fermium (257)	101	<b>Md</b> Mendelevium (258)	102	<b>No</b> Nobelium (259)	103	<b>Lr</b> Lawrencium (262)