

The Periodic Table of the Elements

Legend																																			
Atomic Number	3	6.941	Atomic Weight																																
Density g/cm ³ (For Gases, g/L)	0.534	5	No. of Isotopes																																
Melting Point °C	180.5	1342	Boiling Point °C																																
1	1.0079																2	4.0026																	
H	Hydrogen																He	Helium																	
3	6.941	4	9.0122																																
Li	Lithium	Be	Beryllium																																
5	1.848	6	9.0122																																
11	22.99	12	24.305																																
Na	Sodium	Mg	Magnesium																																
7	1.738	8	24.305																																
19	39.098	20	40.078	21	44.956	22	47.867	23	50.942	24	51.996	25	54.938	26	55.845	27	58.933	28	58.693	29	63.546	30	65.39	31	69.723	32	72.64	33	74.922	34	78.96	35	79.904	36	83.8
K	Potassium	Ca	Calcium	Sc	Scandium	Ti	Titanium	V	Vanadium	Cr	Chromium	Mn	Manganese	Fe	Iron	Co	Cobalt	Ni	Nickel	Cu	Copper	Zn	Zinc	Ga	Gallium	Ge	Germanium	As	Arsenic	Se	Selenium	Br	Bromine	Kr	Krypton
10	1.55	14	2.989	15	4.55	9	6.11	9	7.18-7.2	11	7.894	10	8.9	14	8.902	11	8.96	11	7.133	15	5.904	14	5.323	17	5.73	14	4.79	20	3.125	20	3.125	19	2.6	23	3.17
37	85.468	38	87.62	39	88.906	40	91.224	41	92.906	42	95.94	43	98	44	101.07	45	102.91	46	106.42	47	107.87	48	112.41	49	114.82	50	118.71	51	121.76	52	127.6	53	126.9	54	131.29
Rb	Rubidium	Sr	Strontium	Y	Yttrium	Zr	Zirconium	Nb	Niobium	Mo	Molybdenum	Tc	Technetium	Ru	Ruthenium	Rh	Rhodium	Pd	Palladium	Ag	Silver	Cd	Cadmium	In	Indium	Sn	Tin	Sb	Antimony	Te	Tellurium	I	Iodine	Xe	Xenon
20	2.54	18	4.457	21	6.5063	20	8.57	24	10.22	20	11.503	23	12.44	16	12.41	20	12.02	21	10.5	27	8.65	22	7.31	34	7.31	28	6.61	29	6.24	29	4.93	24	3.06	31	2.6
55	132.91	56	137.33	71	174.97	72	178.49	73	180.95	74	183.84	75	186.21	76	190.23	77	192.22	78	195.08	79	196.97	80	200.59	81	204.38	82	207.2	83	208.98	84	209	85	210	86	222
Cs	Cesium	Ba	Barium	Lu	Lutetium	Hf	Hafnium	Ta	Tantalum	W	Tungsten	Re	Rhenium	Os	Osmium	Ir	Iridium	Pt	Platinum	Au	Gold	Hg	Mercury	Tl	Thallium	Pb	Lead	Bi	Bismuth	Po	Polonium	At	Astatine	Rn	Radon
22	3.5	25	9.835	22	13.31	17	16.654	19	19.3	22	21.02	21	22.57	19	22.42	25	21.45	32	19.32	21	13.546	26	11.85	28	11.35	29	9.747	19	9.32	34	—	21	9.73	20	—
87	223	88	226	103	262	104	261	105	262	106	266	107	264	108	277	109	268	110	271	111	272	112	285	113	284	114	289	115	288	116	292	117	—	118	—
Fr	Francium	Ra	Radium	Lr	Lawrencium	Rf	Rutherfordium	Db	Dubnium	Sg	Seaborgium	Bh	Bohrium	Hs	Hassium	Mt	Meitnerium	Ds	Darmstadtium	Rg	Roentgenium	Uub	Ununbium	Uut	Ununtrium	Uuq	Ununquadium	Uup	Ununpentium	Uuh	Ununhexium	Uus	Ununseptium	Uuo	Ununoctium
27	—	21	5	15	204	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

57	138.91	58	140.12	59	140.91	60	144.24	61	145	62	150.36	63	151.96	64	157.25	65	158.93	66	162.5	67	164.93	68	167.26	69	168.93	70	173.04																												
La	Lanthanum	Ce	Cerium	Pr	Praseodymium	Nd	Neodymium	Pm	Promethium	Sm	Samarium	Eu	Europium	Gd	Gadolinium	Tb	Terbium	Dy	Dysprosium	Ho	Holmium	Er	Erbium	Tm	Thulium	Yb	Ytterbium																												
6	6.166	19	6.771	19	6.772	15	6.8	16	7.264	14	7.536	17	5.283	21	7.898	17	8.234	24	8.54	21	8.781	29	9.045	16	9.314	18	6.972	16	9.18	3464	798	3443	3520	1021	3074	1042	3000	1074	1794	822	1529	1313	3273	1356	3230	1412	2567	1474	2700	1529	2868	1545	1950	819	1196
89	227	90	232.04	91	231.04	92	238.03	93	237	94	244	95	243	96	247	97	247	98	251	99	252	100	257	101	258	102	259																												
Ac	Actinium	Th	Thorium	Pa	Protactinium	U	Uranium	Np	Neptunium	Pu	Plutonium	Am	Americium	Cm	Curium	Bk	Berkelium	Cf	Californium	Es	Einsteinium	Fm	Fermium	Md	Mendelevium	No	Nobelium																												
10	10.73	11	11.72	12	15.373	14	19.05	15	20.25	154	19.84	164	13.67	134	13.513	134	14.006	84	—	124	—	104	—	34	—	74	—																												
1051	3198	1750	4788	1572	—	1135	4131	644	—	640	3228	1176	2011	1345	3100	1050	—	900	—	860	—	1527	—	827	—	827	—																												