

Periodic Table for the *Table of Isotopes** (2005)

1 (IA)		Group										18 (VIIIA)																																																																																																																																																																																					
Hydrogen		2 (IIA)		3 (IIIB)		4 (IVB)		5 (VB)		6 (VIB)		7 (VIIB)		8 (VIII)		9 (VIII)		10 (VIII)		11 (IB)		12 (IIB)		13 (IIIA)		14 (IVA)		15 (VA)		16 (VIA)		17 (VIIA)		18 (VIIIA)																																																																																																																																																															
Element		Element		Element		Element		Element		Element		Element		Element		Element		Element		Element		Element		Element		Element		Element		Element		Element		Element																																																																																																																																																															
Z		Z		Z		Z		Z		Z		Z		Z		Z		Z		Z		Z		Z		Z		Z		Z		Z		Z																																																																																																																																																															
M.P.		M.P.		M.P.		M.P.		M.P.		M.P.		M.P.		M.P.		M.P.		M.P.		M.P.		M.P.		M.P.		M.P.		M.P.		M.P.		M.P.		M.P.																																																																																																																																																															
B.P.		B.P.		B.P.		B.P.		B.P.		B.P.		B.P.		B.P.		B.P.		B.P.		B.P.		B.P.		B.P.		B.P.		B.P.		B.P.		B.P.		B.P.																																																																																																																																																															
C.P.		C.P.		C.P.		C.P.		C.P.		C.P.		C.P.		C.P.		C.P.		C.P.		C.P.		C.P.		C.P.		C.P.		C.P.		C.P.		C.P.		C.P.																																																																																																																																																															
Ox. States		Ox. States		Ox. States		Ox. States		Ox. States		Ox. States		Ox. States		Ox. States		Ox. States		Ox. States		Ox. States		Ox. States		Ox. States		Ox. States		Ox. States		Ox. States		Ox. States		Ox. States																																																																																																																																																															
At. Weight		At. Weight		At. Weight		At. Weight		At. Weight		At. Weight		At. Weight		At. Weight		At. Weight		At. Weight		At. Weight		At. Weight		At. Weight		At. Weight		At. Weight		At. Weight		At. Weight		At. Weight																																																																																																																																																															
Abundance %		Abundance %		Abundance %		Abundance %		Abundance %		Abundance %		Abundance %		Abundance %		Abundance %		Abundance %		Abundance %		Abundance %		Abundance %		Abundance %		Abundance %		Abundance %		Abundance %		Abundance %																																																																																																																																																															
1	¹ H ₁	3	³ Li ₃	4	⁴ Be ₄	9	⁹ K ₁₉	10	¹⁰ Ca ₂₀	11	¹¹ Sc ₂₁	12	¹² Ti ₂₂	13	¹³ V ₂₃	14	¹⁴ Cr ₂₄	15	¹⁵ Mn ₂₅	16	¹⁶ Fe ₂₆	17	¹⁷ Co ₂₇	18	¹⁸ Ni ₂₈	19	¹⁹ Cu ₂₉	20	²⁰ Zn ₃₀	21	²¹ Ga ₃₁	22	²² Ge ₃₂	23	²³ As ₃₃	24	²⁴ Se ₃₄	25	²⁵ Br ₃₅	26	²⁶ Kr ₃₆	27	²⁷ Rb ₃₇	28	²⁸ Sr ₃₈	29	²⁹ Y ₃₉	30	³⁰ Zr ₄₀	31	³¹ Nb ₄₁	32	³² Mo ₄₂	33	³³ Tc ₄₃	34	³⁴ Ru ₄₄	35	³⁵ Rh ₄₅	36	³⁶ Pd ₄₆	37	³⁷ Ag ₄₇	38	³⁸ Cd ₄₈	39	³⁹ In ₄₉	40	⁴⁰ Sn ₅₀	41	⁴¹ Sb ₅₁	42	⁴² Te ₅₂	43	⁴³ I ₅₃	44	⁴⁴ Xe ₅₄	45	⁴⁵ Cs ₅₅	46	⁴⁶ Ba ₅₆	47	⁴⁷ La ₅₇	48	⁴⁸ Hf ₇₂	49	⁴⁹ Ta ₇₃	50	⁵⁰ W ₇₄	51	⁵¹ Re ₇₅	52	⁵² Os ₇₆	53	⁵³ Ir ₇₇	54	⁵⁴ Pt ₇₈	55	⁵⁵ Au ₇₉	56	⁵⁶ Hg ₈₀	57	⁵⁷ Tl ₈₁	58	⁵⁸ Pb ₈₂	59	⁵⁹ Bi ₈₃	60	⁶⁰ Po ₈₄	61	⁶¹ At ₈₅	62	⁶² Rn ₈₆	63	⁶³ Fr ₈₇	64	⁶⁴ Ra ₈₈	65	⁶⁵ Ac ₈₉	66	⁶⁶ Rf ₁₀₄	67	⁶⁷ Db ₁₀₅	68	⁶⁸ Sg ₁₀₆	69	⁶⁹ Bh ₁₀₇	70	⁷⁰ Hs ₁₀₈	71	⁷¹ Mt ₁₀₉	72	⁷² Ds ₁₁₀	73	⁷³ Rg ₁₁₁	74	⁷⁴ 112 ₁₁₂	75	⁷⁵ Ce ₅₈	76	⁷⁶ Pr ₅₉	77	⁷⁷ Nd ₆₀	78	⁷⁸ Pm ₆₁	79	⁷⁹ Sm ₆₂	80	⁸⁰ Eu ₆₃	81	⁸¹ Gd ₆₄	82	⁸² Tb ₆₅	83	⁸³ Dy ₆₆	84	⁸⁴ Ho ₆₇	85	⁸⁵ Er ₆₈	86	⁸⁶ Tm ₆₉	87	⁸⁷ Yb ₇₀	88	⁸⁸ Lu ₇₁	89	⁸⁹ Th ₉₀	90	⁹⁰ Pa ₉₁	91	⁹¹ U ₉₂	92	⁹² Np ₉₃	93	⁹³ Pu ₉₄	94	⁹⁴ Am ₉₅	95	⁹⁵ Cm ₉₆	96	⁹⁶ Bk ₉₇	97	⁹⁷ Cf ₉₈	98	⁹⁸ Es ₉₉	99	⁹⁹ Fm ₁₀₀	100	¹⁰⁰ Md ₁₀₁	101	¹⁰¹ No ₁₀₂	102	¹⁰² Lr ₁₀₃

The new IUPAC Group format numbers the groups from 1 to 18. The numbering system used by the Chemical Abstracts Service (CAS) is given in parentheses. For elements that are not naturally abundant, the mass number of the longest-lived isotope is given in brackets. The abundances (atomic %) are based on meteorite and solar wind data. The melting point (M.P.), boiling point (B.P.), and critical point (C.P.) temperatures are given in °Celsius. Sublimation and critical temperatures are indicated by s and t.

REFERENCES

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Prepared by Richard B. Firestone (rbf@lbl.gov), Isotopes Project, Lawrence Berkeley National Laboratory, Berkeley CA 94720. This work was supported by the Office of High Energy and Nuclear Physics, Nuclear Physics Division of the U.S. Department of Energy under contract DE-AC03-76SF00098.