

Periodic Table of the Elements

Group (Family)

1A
1

1.01	H	1	Hydrogen
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Key:

atomic weight
Symbol
atomic number
Name

8A
18

4.00	He	2	Helium
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2A
2

6.94	Li	3	Lithium
9.01	Be	4	Beryllium
22.99	Na	11	Sodium
24.31	Mg	12	Magnesium

3B
3

44.96	Sc	21	Scandium
88.91	Y	39	Yttrium

4B
4

47.88	Ti	22	Titanium
91.22	Zr	40	Zirconium
137.33	Rb	37	Rubidium
137.33	Sr	38	Strontium

5B
5

50.94	V	23	Vanadium
92.91	Nb	41	Niobium
180.95	Ta	73	Tantalum

6B
6

52.00	Cr	24	Chromium
95.94	Mo	42	Molybdenum
183.85	W	74	Tungsten

7B
7

54.94	Mn	25	Manganese
98	Tc	43	Technetium
186.21	Re	75	Rhenium

8B
8

55.85	Fe	26	Iron
101.07	Ru	44	Ruthenium
190.23	Os	76	Osmium

9

58.93	Co	27	Cobalt
102.91	Rh	45	Rhodium
192.22	Ir	77	Iridium

10

58.69	Ni	28	Nickel
106.42	Pd	46	Palladium
195.08	Pt	78	Platinum

11

63.55	Cu	29	Copper
107.87	Ag	47	Silver
196.97	Au	79	Gold

12

65.39	Zn	30	Zinc
112.41	Cd	48	Cadmium
200.59	Hg	80	Mercury

13

10.81	B	5	Boron
26.98	Al	13	Aluminum
69.72	Ga	31	Gallium
114.82	In	49	Indium
204.38	Tl	81	Thallium

14

12.01	C	6	Carbon
28.09	Si	14	Silicon
72.59	Ge	32	Germanium
118.71	Sn	50	Tin
207.2	Pb	82	Lead

15

14.01	N	7	Nitrogen
30.97	P	15	Phosphorus
74.92	As	33	Arsenic
121.75	Sb	51	Antimony
208.98	Bi	83	Bismuth

16

16.00	O	8	Oxygen
32.06	S	16	Sulfur
78.96	Se	34	Selenium
127.60	Te	52	Tellurium
209	Po	84	Polonium

17

19.00	F	9	Fluorine
35.45	Cl	17	Chlorine
79.90	Br	35	Bromine
126.91	I	53	Iodine
(210)	At	85	Astatine

18

20.18	Ne	10	Neon
39.95	Ar	18	Argon
83.80	Kr	36	Krypton
131.29	Xe	54	Xenon
(222)	Rn	86	Radon

Period

Mass numbers in parentheses are those of the most stable or most common isotope.

138.91	La	57	Lanthanum	140.12	Ce	58	Cerium	140.91	Pr	59	Praseodymium	144.24	Nd	60	Neodymium	151.96	Eu	63	Europium	157.25	Gd	64	Gadolinium	162.50	Dy	66	Dysprosium	164.93	Ho	67	Holmium	167.26	Er	68	Erbium	168.93	Tm	69	Thulium	173.04	Yb	70	Ytterbium	174.97	Lu	71	Lutetium
(227)	Ac	89	Actinium	232.04	Th	90	Thorium	231.04	Pa	91	Protactinium	238.03	U	92	Uranium	(243)	Am	95	Americium	(247)	Cm	96	Curium	(251)	Cf	98	Californium	(252)	Es	99	Einsteinium	(257)	Fm	100	Fermium	(258)	Md	101	Mendelevium	(259)	No	102	Nobelium	(262)	Lr	103	Lawrencium

Lanthanide Series

Actinide Series

*Revised based on IUPAC Commission on Atomic Weights and Isotopic Abundances, "Atomic Weights of the Elements 2007."