

Periodic Table of the Elements

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
 IA IIA IIIA IVA VA VIA VIIA VIIIA

Memorize names and symbols of elements shown in bold font on this page. See element names on the next page. Numbers on top of each element is the element's atomic number. You don't need to memorize the elements' atomic numbers.

1 H 1.008																	2 He 4.003
3 Li 6.939	4 Be 9.012											5 B 10.81	6 C 12.01	7 N 14.01	8 O 16.00	9 F 19.00	10 Ne 20.18
11 Na 22.99	12 Mg 24.31											13 Al 26.98	14 Si 28.09	15 P 30.97	16 S 32.07	17 Cl 35.45	18 Ar 39.95
19 K 39.10	20 Ca 40.08	21 Sc 44.96	22 Ti 47.90	23 V 50.94	24 Cr 52.00	25 Mn 54.94	26 Fe 55.85	27 Co 58.93	28 Ni 58.71	29 Cu 63.54	30 Zn 65.37	31 Ga 69.72	32 Ge 72.59	33 As 74.92	34 Se 78.96	35 Br 79.91	36 Kr 83.80
37 Rb 85.47	38 Sr 87.62	39 Y	40 Zr	41 Nb	42 Mo 95.94	43 <i>Tc</i> (99)	44 Ru	45 Rh	46 Pd 106.4	47 Ag 107.87	48 Cd 112.40	49 In 114.82	50 Sn 118.69	51 Sb 121.75	52 Te 127.60	53 I 126.90	54 Xe 131.30
55 Cs 132.90	56 Ba 137.34	57 La* 138.91	72 Hf	73 Ta	74 W 183.85	75 Re	76 Os	77 Ir	78 Pt 195.09	79 Au 196.97	80 Hg 200.59	81 Tl 204.37	82 Pb 207.19	83 Bi 208.98	84 Po (210)	85 At (210)	86 Rn (222)
87 Fr (223)	88 Ra (226)	89 Ac** (227)	104 <i>Rf</i> (261)	105 <i>Db</i> (262)	106 <i>Sg</i> (263)	107 <i>Bh</i> (262)	108 <i>Hs</i> (265)	109 <i>Mt</i> (269)	110 <i>Uun</i> (269)	111 <i>Uuu</i> (272)	112 <i>Uub</i> (277)	113	114 <i>Uuq</i> (289)	115	116 <i>Uuh</i> (289)	117	118 <i>Uuo</i> (293)

*	58 Ce 140.12	59 Pr 140.91	60 Nd 144.24	61 <i>Pm</i> (147)	62 Sm 150.35	63 Eu 151.96	64 Gd 157.25	65 Tb 158.92	66 Dy 162.50	67 Ho 164.93	68 Er 167.26	69 Tm 168.93	70 Yb 173.04	71 Lu 174.97
**	90 Th 232.04	91 Pa (231)	92 U 238.03	93 <i>Np</i> (237)	94 <i>Pu</i> (242)	95 <i>Am</i> (243)	96 <i>Cm</i> (247)	97 <i>Bk</i> (248)	98 <i>Cf</i> (251)	99 <i>Es</i> (252)	100 <i>Fm</i> (257)	101 <i>Md</i> (258)	102 <i>No</i> (255)	103 <i>Lr</i> (257)

Memorize the names and symbols of the elements in bold and shaded.

Atomic number – symbol - name

1 - H - Hydrogen	40 - Zr - Zirconium	79 - Au - Gold
2 - He - Helium	41 - Nb - Niobium	80 - Hg - Mercury
3 - Li - Lithium	42 - Mo - Molybdenum	81 - Tl - Thallium
4 - Be - Beryllium	43 - Tc - Technetium	82 - Pb - Lead
5 - B - Boron	44 - Ru - Ruthenium	83 - Bi - Bismuth
6 - C - Carbon	45 - Rh - Rhodium	84 - Po - Polonium
7 - N - Nitrogen	46 - Pd - Palladium	85 - At - Astatine
8 - O - Oxygen	47 - Ag - Silver	86 - Rn - Radon
9 - F - Fluorine	48 - Cd - Cadmium	87 - Fr - Francium
10 - Ne - Neon	49 - In - Indium	88 - Ra - Radium
11 - Na - Sodium	50 - Sn - Tin	89 - Ac - Actinium
12 - Mg - Magnesium	51 - Sb - Antimony	90 - Th - Thorium
13 - Al - Aluminum	52 - Te - Tellurium	91 - Pa - Protactinium
14 - Si - Silicon	53 - I - Iodine	92 - U - Uranium
15 - P - Phosphorus	54 - Xe - Xenon	93 - Np - Neptunium
16 - S - Sulfur	55 - Cs - Cesium	94 - Pu - Plutonium
17 - Cl - Chlorine	56 - Ba - Barium	95 - Am - Americium
18 - Ar - Argon	57 - La - Lanthanum	96 - Cm - Curium
19 - K - Potassium	58 - Ce - Cerium	97 - Bk - Berkelium
20 - Ca - Calcium	59 - Pr - Praseodymium	98 - Cf - Californium
21 - Sc - Scandium	60 - Nd - Neodymium	99 - Es - Einsteinium
22 - Ti - Titanium	61 - Pm - Promethium	100 - Fm - Fermium
23 - V - Vanadium	62 - Sm - Samarium	101 - Md - Mendeleevium
24 - Cr - Chromium	63 - Eu - Europium	102 - No - Nobelium
25 - Mn - Manganese	64 - Gd - Gadolinium	103 - Lr - Lawrencium
26 - Fe - Iron	65 - Tb - Terbium	104 - Rf - Rutherfordium
27 - Co - Cobalt	66 - Dy - Dysprosium	105 - Db - Dubnium
28 - Ni - Nickel	67 - Ho - Holmium	106 - Sg - Seaborgium
29 - Cu - Copper	68 - Er - Erbium	107 - Bh - Bohrium
30 - Zn - Zinc	69 - Tm - Thulium	108 - Hs - Hassium
31 - Ga - Gallium	70 - Yb - Ytterbium	109 - Mt - Meitnerium
32 - Ge - Germanium	71 - Lu - Lutetium	110 - Ds - Darmstadtium
33 - As - Arsenic	72 - Hf - Hafnium	111 - Rg - Roentgenium
34 - Se - Selenium	73 - Ta - Tantalum	112 - Cn - Copernicium
35 - Br - Bromine	74 - W - Tungsten	
36 - Kr - Krypton	75 - Re - Rhenium	
37 - Rb - Rubidium	76 - Os - Osmium	
38 - Sr - Strontium	77 - Ir - Iridium	
39 - Y - Yttrium	78 - Pt - Platinum	