

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	IIIB	IVB	VB	VIB	VII B	VIII B	VIIIB	VIIIB	IB	IIB	IIIA	IVA	VA	VIA	VIIA	VIIIA
Period	1	1 H 1.008																	2 He 4.003
	2	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	
	3	11 Na 22.99	12 Mg 24.31										13 Al 26.98	14 Si 28.09	15 P 30.97	16 S 32.06	17 Cl 35.45	18 Ar 39.95	
	4	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
	5	37 Rb 85.47	38 Sr 87.62	39 Y 88.91	40 Zr 91.22	41 Nb 92.91	42 Mo 95.94	43 <i>Tc</i> (99)	44 Ru 101.07	45 Rh 102.91	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
	6	55 Cs 132.90	56 Ba 137.34	71 Lu 174.97	72 Hf 178.49	73 Ta 180.95	74 W 183.85	75 Re 186.21	76 Os 190.2	77 Ir 192.2	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 <i>Po</i> (210)	85 At (210)	86 Rn (222)
	7	87 Fr (223)	88 Ra (226)	103 <i>Lr</i> (257)	104 <i>Rf</i> (261)	105 <i>Db</i> (262)	106 <i>Sg</i> (266)	107 <i>Bh</i> (264)	108 <i>Hs</i> (269)	109 <i>Mt</i> (268)	110 <i>Ds</i> (271)	111 <i>Uuu</i> (272)	112 <i>Uub</i> (285)	113 <i>Uut</i> (284)	114 <i>Uuq</i> (289)	115 <i>Uup</i> (288)	116 <i>Uuh</i> (292)	117	118

*	57 La 138.91	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
**	89 Ac (227)	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)

A periodic table like the one above will be provided for you. You will need to know the names and symbols of the shaded elements.

Names and symbols of the most common elements (note the elements which are highlighted)