

PERIODIC TABLE OF ELEMENTS

1 1A																						18 8A							
1 H 1s ¹																							2 He 1s ²						
3 Li 2s ¹	2 Be 2s ²																							5 B 2p ¹	6 C 2p ²	7 N 2p ³	8 O 2p ⁴	9 F 2p ⁵	10 Ne 2p ⁶
11 Na 3s ¹	12 Mg 3s ²	3	4	5	6	7	8	9	10	11	12	13 Al 3p ¹	14 Si 3p ²	15 P 3p ³	16 S 3p ⁴	17 Cl 3p ⁵	18 Ar 3p ⁶												
19 K 4s ¹	20 Ca 4s ²	21 Sc 3d ¹ 4s ²	22 Ti 3d ² 4s ²	23 V 3d ³ 4s ²	24 Cr 3d ⁵ 4s ¹	25 Mn 3d ⁵ 4s ²	26 Fe 3d ⁶ 4s ²	27 Co 3d ⁷ 4s ²	28 Ni 3d ⁸ 4s ²	29 Cu 3d ¹⁰ 4s ¹	30 Zn 3d ¹⁰ 4s ²	31 Ga 4p ¹	32 Ge 4p ²	33 As 4p ³	34 Se 4p ⁴	35 Br 4p ⁵	36 Kr 4p ⁶												
37 Rb 5s ¹	38 Sr 5s ²	39 Y 4d ¹ 5s ²	40 Zr 4d ² 5s ²	41 Nb 4d ⁴ 5s ¹	42 Mo 4d ⁵ 5s ¹	43 Tc 4d ⁵ 5s ²	44 Ru 4d ⁷ 5s ¹	45 Rh 4d ⁸ 5s ¹	46 Pd 4d ¹⁰ 5s ⁰	47 Ag 4d ¹⁰ 5s ¹	48 Cd 4d ¹⁰ 5s ²	49 In 5p ¹	50 Sn 5p ²	51 Sb 5p ³	52 Te 5p ⁴	53 I 5p ⁵	54 Xe 5p ⁶												
55 Cs 6s ¹	56 Ba 6s ²	57-71 La-Lu LANTHANIDES	72 Hf 5d ² 6s ²	73 Ta 5d ⁴ 6s ²	74 W 5d ⁴ 6s ²	75 Re 5d ⁵ 6s ²	76 Os 5d ⁶ 6s ²	77 Ir 5d ⁷ 6s ²	78 Pt 5d ⁹ 6s ¹	79 Au 5d ¹⁰ 6s ¹	80 Hg 5d ¹⁰ 6s ²	81 Tl 6p ¹	82 Pb 6p ²	83 Bi 6p ³	84 Po 6p ⁴	85 At 6p ⁵	86 Rn 6p ⁶												
87 Fr 7s ¹	88 Ra 7s ²	89-103 Ac-Lr ACTINIDES	104 Rf 6d ² 7s ²	105 Db 6d ³ 7s ²	106 Sg 6d ⁴ 7s ²	107 Bh 6d ⁵ 7s ²	108 Hs 6d ⁶ 7s ²	109 Mt 6d ⁷ 7s ²	110 Ds	111 Rg	112 Cn	113 Uut	114 Uuq	115 Uup	116 Uuh	117 Uus	118 Uuo												
LANTHANIDES	57 La 5d ¹ 6s ²	58 Ce 4f ¹ 5d ¹ 6s ²	59 Pr 4f ³ 6s ²	60 Nd 4f ⁴ 6s ²	61 Pm 4f ⁵ 6s ²	62 Sm 4f ⁶ 6s ²	63 Eu 4f ⁷ 6s ²	64 Gd 4f ⁷ 5d ¹ 6s ²	65 Tb 4f ⁹ 5d ¹ 6s ²	66 Dy 4f ¹⁰ 6s ²	67 Ho 4f ¹¹ 6s ²	68 Er 4f ¹² 6s ²	69 Tm 4f ¹³ 6s ²	70 Yb 4f ¹⁴ 6s ²	71 Lu 4f ¹⁴ 5d ¹ 6s ²														
ACTINIDES	89 Ac 6d ¹ 7s ²	90 Th 6d ² 7s ²	91 Pa 5f ² 6d ¹ 7s ²	92 U 5f ³ 6d ¹ 7s ²	93 Np 5f ⁴ 6d ¹ 7s ²	94 Pu 5f ⁶ 6d ⁰ 7s ²	95 Am 5f ⁷ 6d ⁰ 7s ²	96 Cm 5f ⁷ 6d ¹ 7s ²	97 Bk 5f ⁹ 6d ¹ 7s ²	98 Cf 5f ¹⁰ 6d ⁰ 7s ²	99 Es 5f ¹¹ 6d ⁰ 7s ²	100 Fm 5f ¹² 6d ⁰ 7s ²	101 Md 5f ¹³ 6d ⁰ 7s ²	102 No 5f ¹⁴ 6d ⁰ 7s ²	103 Lr 5f ¹⁴ 6d ¹ 7s ²														