

Periodic Table Page (provided with exams)

1 IA																		18 VIIIA
1 H 1.0079	2 IIA												13 IIIA	14 IVA	15 VA	16 VIA	17 VIIA	2 He 4.0026
3 Li 6.9417	4 Be 9.0122												5 B 10.811	6 C 12.011	7 N 14.007	8 O 15.999	9 F 18.998	10 Ne 20.180
11 Na 22.990	12 Mg 24.305	3 IIIB	4 IVB	5 VB	6 VIB	7 VIIB	8 VIII	9 VIII	10 VIII	11 IB	12 IIB		13 Al 26.982	14 Si 28.086	15 P 30.974	16 S 32.066	17 Cl 35.453	18 Ar 39.948
19 K 39.098	20 Ca 40.078	21 Sc 44.956	22 Ti 47.88	23 V 50.942	24 Cr 51.996	25 Mn 54.938	26 Fe 55.847	27 Co 58.933	28 Ni 58.693	29 Cu 63.546	30 Zn 65.390		31 Ga 69.723	32 Ge 72.610	33 As 74.922	34 Se 78.960	35 Br 79.904	36 Kr 83.800
37 Rb 85.468	38 Sr 87.620	39 Y 88.906	40 Zr 91.224	41 Nb 92.906	42 Mo 95.940	43 Tc (97.907)	44 Ru 101.07	45 Rh 102.91	46 Pd 106.42	47 Ag 107.87	48 Cd 112.41		49 In 114.82	50 Sn 118.69	51 Sb 121.76	52 Te 127.60	53 I 126.904	54 Xe 131.29
55 Cs 132.91	56 Ba 137.33	*57 La 138.91	72 Hf 178.49	73 Ta 180.95	74 W 183.84	75 Re 186.21	76 Os 190.23	77 Ir 192.22	78 Pt 195.08	79 Au 196.97	80 Hg 200.59		81 Tl 204.38	82 Pb 207.20	83 Bi 208.98	84 Po (208.98)	85 At (209.99)	86 Rn (222.02)
87 Fr (223.02)	88 Ra (226.03)	†89 Ac (227.03)	104 Rf (261.11)	105 Db (262.11)	106 Sg (263.12)	107 Bh (262.12)	108 Hs (265.13)	109 Mt (266.14)										

* Lanthanides

58 Ce 140.12	59 Pr 140.91	60 Nd 144.24	61 Pm (144.91)	62 Sm 150.36	63 Eu 151.97	64 Gd 157.25	65 Tb 158.93	66 Dy 162.50	67 Ho 164.93	68 Er 167.26	69 Tm 168.934	70 Yb 173.04	71 Lu 174.97
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† Actinides

90 Th 232.04	91 Pa 231.04	92 U 238.03	93 Np (237.05)	94 Pu (244.06)	95 Am (243.06)	96 Cm (247.07)	97 Bk (247.07)	98 Cf (251.08)	99 Es (252.08)	100 Fm (257.10)	101 Md (258.09)	102 No (259.10)	103 Lr (262.11)
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Avogadro's Number (N_A)	= $6.02214 \times 10^{23} \text{ mol}^{-1}$
Atomic Mass Unit (u)	= $1.66054 \times 10^{-27} \text{ kg}$
Electron charge (e)	= $1.60218 \times 10^{-19} \text{ C}$
Faraday's constant (F)	= $9.64853 \times 10^4 \text{ C/mol}$
Universal gas const. (R)	= $8.20578 \times 10^{-2} \text{ L.atm/(mol.K)}$ = $8.31451 \text{ J/(mol.K)}$
Plank's constant (h)	= $6.62607 \times 10^{-34} \text{ J.s}$
Rydberg's constant	= $1.09678 \times 10^7 \text{ m}^{-1}$
Speed of light (c)	= $2.99792 \times 10^8 \text{ m/s}$