

INTEGRACIÓN ESTUDIANTEL

1	2
Ia	IIa
1 1.0079 -259.14 -252.87 2.2 H -1, 1 1s ¹	
3 6.941 180.54 1347 1.0 Li He 2s ¹	4 9.0122 1278 2970 1.5 Be He 2s ²
11 22.990 97.81 882.9 1.0 Na Ne 3s ¹	12 24.305 648.8 1090 1.2 Mg Ne 3s ²
19 39.098 63.65 774 0.9 K Ar 4s ¹	20 40.078 839 1484 1.0 Ca Ar 4s ²
37 85.468 38.89 688 0.9 Rb Kr 5s ¹	38 87.62 769 1384 1.0 Sr Kr 5s ²
55 132.91 28.40 678.4 0.9 Cs Xe 6s ¹	56 137.33 725 1640 1.0 Ba Xe 6s ²
87 223.02 27 677 0.9 Fr Rn 7s ¹	88 226.03 700 1140 1.0 Ra Rn 7s ²

1 45 102.91 1966 3727 1.5 Rh 1, 2, 3, 4 Kr 4d ⁸ 5s ¹

- Número atómico
 - Símbolo del elemento
 - Peso atómico relativo
 - Punto de fusión
 - Punto de ebullición
 - Electronegatividad (Allred, Rachow)
 - Niveles de oxidación
 - Configuración electrónica
 - * isótopo más estable
- metales
■ metaloides
■ elementos de transición
■ elementos de la serie f
- IUPAC, 1989
■ IUPAC, 1970

Tabla Periodica de los Elementos



<http://integracionestudiantil2008.blogspot.com/>

3	4	5	6	7	8	9	10	11	12
IIIb	IVb	Vb	VIb	VIIb	VIII	VIII	VIII	Ib	IIb
21 44.956 1541 2831 1.2 Sc Ar 3d ¹ 4s ²	22 47.88 1660 3287 1.3 Ti Ar 3d ² 4s ²	23 50.942 1890 3380 1.5 V Ar 3d ³ 4s ²	24 51.996 1857 2672 1.6 Cr Ar 3d ⁵ 4s ¹	25 54.938 1244 1962 1.6 Mn Ar 3d ⁵ 4s ²	26 55.845 1535 2750 1.6 Fe Ar 3d ⁶ 4s ²	27 58.933 1495 2870 1.7 Co Ar 3d ⁷ 4s ²	28 58.693 1453 2732 1.8 Ni Ar 3d ⁸ 4s ²	29 63.546 1083 2567 1.8 Cu Ar 3d ¹⁰ 4s ¹	30 65.39 419.6 907 1.7 Zn Ar 3d ¹⁰ 4s ²
39 88.906 1522 3338 1.1 Y Kr 4d ¹ 5s ²	40 91.224 1852 4377 1.2 Zr Kr 4d ² 5s ²	41 92.906 2468 4742 1.2 Nb Kr 4d ⁴ 5s ¹	42 95.94 2617 4612 1.3 Mo Kr 4d ⁵ 5s ¹	43 98.906 2172 4877 1.4 Tc Kr 4d ⁵ 5s ²	44 101.07 2310 3900 1.4 Ru Kr 4d ⁷ 5s ¹	45 102.91 1966 3727 1.5 Rh Kr 4d ⁸ 5s ¹	46 106.42 1552 3140 1.4 Pd Kr 4d ¹⁰ 5s ¹	47 107.87 961.9 2212 1.4 Ag Kr 4d ¹⁰ 5s ¹	48 112.41 320.9 765 1.5 Cd Kr 4d ¹⁰ 5s ²
57 138.91 921 3457 1.1 La Xe 5d ¹ 6s ²	72 178.49 2227 4602 1.2 Hf Xe 4f ¹⁴ 5d ² 6s ²	73 180.95 2996 5425 1.3 Ta Xe 4f ¹⁴ 5d ³ 6s ²	74 183.84 3410 5627 1.4 W Xe 4f ¹⁴ 5d ⁴ 6s ²	75 186.21 3180 5627 1.5 Re Xe 4f ¹⁴ 5d ⁵ 6s ²	76 190.23 3045 5027 1.5 Os Xe 4f ¹⁴ 5d ⁶ 6s ²	77 192.22 2410 4130 1.6 Ir Xe 4f ¹⁴ 5d ⁷ 6s ²	78 195.08 1772 3827 1.4 Pt Xe 4f ¹⁴ 5d ⁹ 6s ¹	79 196.97 1064 2807 1.4 Au Xe 4f ¹⁴ 5d ¹⁰ 6s ¹	80 200.59 338.4 356.6 1.5 Hg Xe 4f ¹⁴ 5d ¹⁰ 6s ²
89 138.91 1050 3200 1.0 Ac Rn 6d ¹ 7s ²	104 261.11 1600 1.1 Rf Rn 5f ¹⁴ 6d ² 7s ²	105 262.11 1132 3232 1.2 Db Rn 5f ¹⁴ 6d ³ 7s ²	106 263.12 640 2902 1.2 Sg Rn 5f ¹⁴ 6d ⁴ 7s ²	107 262.12 641 2607 1.2 Bh Rn 5f ¹⁴ 6d ⁵ 7s ²	108 263.12 641 2607 1.2 Hs Rn 5f ¹⁴ 6d ⁶ 7s ²	109 263.12 641 2607 1.2 Mt Rn 5f ¹⁴ 6d ⁷ 7s ²			

13	14	15	16	17	18
IIIa	IVa	Va	VIa	VIIa	0
5 10.811 2079 2550 2.0 B He 2s ² 2p ¹	6 12.011 3367 4827 2.5 C He 2s ² 2p ²	7 14.007 -209.86 -195.8 3.1 N He 2s ² 2p ³	8 15.999 -218.4 -182.96 3.5 O He 2s ² 2p ⁴	9 18.998 -219.62 -188.14 4.1 F He 2s ² 2p ⁵	10 20.18 -248.67 -246.05 4.1 Ne He 2s ² 2p ⁶
13 26.982 660.37 2467 1.5 Al Ne 3s ² 3p ¹	14 28.086 1410 2355 1.7 Si Ne 3s ² 3p ²	15 30.974 44.1 280 2.1 P Ne 3s ² 3p ³	16 32.066 112.8 444.67 2.4 S Ne 3s ² 3p ⁴	17 35.453 -100.98 -34.6 2.8 Cl Ne 3s ² 3p ⁵	18 39.948 -189.2 -185.7 2.8 Ar Ne 3s ² 3p ⁶
31 69.723 2978 2403 1.8 Ga Ar 3d ¹⁰ 4s ² 4p ¹	32 72.61 937.4 2830 2.0 Ge Ar 3d ¹⁰ 4s ² 4p ²	33 74.922 817 613 2.2 As Ar 3d ¹⁰ 4s ² 4p ³	34 78.96 217 684.9 2.5 Se Ar 3d ¹⁰ 4s ² 4p ⁴	35 79.904 -7.2 58.78 2.7 Br Ar 3d ¹⁰ 4s ² 4p ⁵	36 83.80 -156.6 -152.3 2.7 Kr Ar 3d ¹⁰ 4s ² 4p ⁶
49 114.82 156.6 2080 1.5 In Kr 4d ¹⁰ 5s ² 5p ¹	50 118.71 232.0 2270 1.7 Sn Kr 4d ¹⁰ 5s ² 5p ²	51 121.76 630.7 1750 1.8 Sb Kr 4d ¹⁰ 5s ² 5p ³	52 127.60 449.5 990 2.0 Te Kr 4d ¹⁰ 5s ² 5p ⁴	53 126.90 113.5 184.4 2.2 I Kr 4d ¹⁰ 5s ² 5p ⁵	54 131.29 -111.9 -107.1 2.2 Xe Kr 4d ¹⁰ 5s ² 5p ⁶
81 204.38 303.5 1457 1.4 Tl Xe 4f ¹⁴ 5d ¹⁰ 6s ² 6p ¹	82 207.2 327.5 1740 1.6 Pb Xe 4f ¹⁴ 5d ¹⁰ 6s ² 6p ²	83 208.98 271.3 1560 1.7 Bi Xe 4f ¹⁴ 5d ¹⁰ 6s ² 6p ³	84 209.98 254 962 1.8 Po Xe 4f ¹⁴ 5d ¹⁰ 6s ² 6p ⁴	85 209.98 302 337 2.0 At Xe 4f ¹⁴ 5d ¹⁰ 6s ² 6p ⁵	86 222.02 -71 -61.8 2.0 Rn Xe 4f ¹⁴ 5d ¹⁰ 6s ² 6p ⁶

Rf Rutherfordium ** IUPAC Recomendaciones 1997
 Db Dubnium
 Sg Seaborgium
 Bh Bohrium
 Hs Hassium
 Mt Meitnerium

Lanthaniden Lanthanides Lantánidos	58 140.12 799 3426 1.1 Ce Xe 4f ² 6s ²	59 140.91 931 3512 1.1 Pr Xe 4f ³ 6s ²	60 144.24 1021 3068 1.1 Nd Xe 4f ⁴ 6s ²	61 146.92 1168 2460 1.1 Pm Xe 4f ⁵ 6s ²	62 150.36 1077 1791 1.1 Sm Xe 4f ⁶ 6s ²	63 151.96 822 1597 1.0 Eu Xe 4f ⁷ 6s ²	64 157.25 1313 3266 1.1 Gd Xe 4f ⁷ 5d ¹ 6s ²	65 158.93 1356 3123 1.1 Tb Xe 4f ⁹ 6s ²	66 162.50 1412 2562 1.1 Dy Xe 4f ¹⁰ 6s ²	67 164.93 1474 2695 1.1 Ho Xe 4f ¹¹ 6s ²	68 167.26 1497 2900 1.1 Er Xe 4f ¹² 6s ²	69 168.93 1545 1947 1.1 Tm Xe 4f ¹³ 6s ²	70 173.04 819 1194 1.1 Yb Xe 4f ¹⁴ 6s ²	71 174.97 1663 3395 1.1 Lu Xe 4f ¹⁴ 5d ¹ 6s ²
Actiniden Actinides Actínidos	90 232.04 1750 4790 1.1 Th Rn 6d ² 7s ²	91 231.04 1600 1.1 Pa Rn 5f ² 6d ¹ 7s ²	92 238.03 1132 3232 1.2 U Rn 5f ³ 6d ¹ 7s ²	93 237.05 640 2902 1.2 Np Rn 5f ⁴ 6d ¹ 7s ²	94 244.06 641 2607 1.2 Pu Rn 5f ⁶ 7s ²	95 243.06 994 2607 1.2 Am Rn 5f ⁷ 7s ²	96 247.07 1340 ~1.2 Cm Rn 5f ⁷ 6d ¹ 7s ²	97 247.07 ~1.2 Bk Rn 5f ⁹ 7s ²	98 251.08 ~1.2 Cf Rn 5f ¹⁰ 7s ²	99 252.08 ~1.2 Es Rn 5f ¹¹ 7s ²	100 257.18 ~1.2 Fm Rn 5f ¹² 7s ²	101 259.10 ~1.2 Md Rn 5f ¹³ 7s ²	102 259.10 ~1.2 No Rn 5f ¹⁴ 7s ²	103 262.11 ~1.2 Lr Rn 5f ¹⁴ 6d ¹ 7s ²