

# Tabla Periódica de los Elementos

I-A		Grupo																		VIII-A					
1	1.0079 H Hidrógeno $1s^1$	1.0079 H Hidrógeno $1s^1$																		2	4.0025 He Helio $1s^2$				
Periodo	Nº atómico →	Símbolo* →	Nombre →	Masa atómica**	Electrones de Valencia***	Configuración electrónica	Alcalinos	Alcalinotérreos	Metal	Metaloides	No metales	Otros metales	Halógenos	Gas noble	Lantánidos/Actínidos										
1	1.0079 H Hidrógeno $1s^1$	II-A																							
2	6.941 Li Litio $1s^2 2s^1$	Be	Berilio $1s^2 2s^2$																						
3	11.22.990 Na Sodio $[Ne] 3s^1$	Mg	Magnesio $[Ne] 3s^2$	III-B	IV-B	V-B	VI-B	VII-B	VIII-B	I-B	II-B	5	10.811 B Boro $1s^2 2s^2 2p^1$	6	12.011 C Carbono $1s^2 2s^2 2p^2$	7	14.007 N Nitrógeno $1s^2 2s^2 2p^3$	8	15.999 O Óxigeno $1s^2 2s^2 2p^4$	9	18.998 F Flúor $1s^2 2s^2 2p^5$	10	20.180 Ne Néon $1s^2$		
4	19.39.098 K Potasio $[Ar] 4s^1$	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cobre	30	65.39 Zn Zinc $[Ar] 3d^{10} 4s^2$	31	69.723 Ga Galio $[Ar] 3d^{10} 4s^2 4p^1$	32	72.64 Ge Germanio $[Ar] 3d^{10} 4s^2 4p^2$	33	74.922 As Arsenico $[Ar] 3d^{10} 4s^2 4p^3$	34	78.96 Se Selenio $[Ar] 3d^{10} 4s^2 4p^4$	35	79.904 Br Bromo $[Ar] 3d^{10} 4s^2 4p^5$	36	83.8 Kr Kriptón $[Ar] 3d^{10} 4s^2 4p^6$
5	37.85.468 Rb Rubidio $[Kr] 5s^1$	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Plata	49	114.82 Cd Cadmio $[Kr] 4d^{10} 5s^2$	50	118.71 In Indio $[Kr] 4d^{10} 5s^2 5p^1$	51	121.76 Sn Estáño $[Kr] 4d^{10} 5s^2 5p^2$	52	127.6 Sb Antimonio $[Kr] 4d^{10} 5s^2 5p^3$	53	126.9 Te Telurio $[Kr] 4d^{10} 5s^2 5p^4$	54	131.29 I Yodo $[Kr] 4d^{10} 5s^2 5p^5$		
6	55.132.91 Cs Cesio $[Xe] 6s^1$	Ba	La-Lu	Hf	Ta	W	Re	Os	Ir	Pt	Oro	80	200.59 Hg Mercurio $[Xe] 4f^{14} 5d^{10} 6s^2$	81	204.38 Tl Talio $[Xe] 4f^{14} 5d^{10} 6s^2 6p^1$	82	207.2 Pb Plomo $[Xe] 4f^{14} 5d^{10} 6s^2 6p^2$	83	208.98 Bi Bismuto $[Xe] 4f^{14} 5d^{10} 6s^2 6p^3$	84	(209) Po Polonio $[Xe] 4f^{14} 5d^{10} 6s^2 6p^4$	85	(210) At Astatato $[Xe] 4f^{14} 5d^{10} 6s^2 6p^5$	86	(222) Rn Radon $[Xe] 4f^{14} 5d^{10} 6s^2 6p^6$
7	87.(223) Fr Francio $[Rn] 7s^1$	Ra	Ac-Lr	Rf	Dubonio	Sg	Bh	Hs	Mt	Ds	Darmstatio	112	(285) Rg Roentgenio $[Rn] 5f^{14} 6d^8 7s^1$	113	(284) Nh Copernicio $[Rn] 5f^{14} 6d^{10} 7s^2$	114	(289) Fl Nihonio $[Rn] 5f^{14} 6d^{10} 7s^3 7p^1$	115	(288) Mc Flerovio $[Rn] 5f^{14} 6d^{10} 7s^3 7p^2$	116	(293) Lv Moscovio $[Rn] 5f^{14} 6d^{10} 7s^3 7p^3$	117	(292) Ts Livermorio $[Rn] 5f^{14} 6d^{10} 7s^3 7p^4$	118	(294) Og Oganesson $[Rn] 5f^{14} 6d^{10} 7s^3 7p^5$

\* Los elementos con esta fuente son Artificiales.

\*\* Las masas de los elementos radioactivos se encuentran entre paréntesis.

\*\*\* Los números en **negritas** son los más estables.

<b>57</b>	138.91 La Lantano $[X_1] \text{Ed}^1 \text{E}^{-2}$	<b>58</b>	140.12 Ce Cerio $[X_1] \text{Ed}^1 \text{E}^{-2}$	<b>59</b>	140.91 Praseodimio $[X_1] \text{Ed}^1 \text{E}^{-2}$	<b>60</b>	144.24 Nd Neodimio $[X_1] \text{Ed}^4 \text{E}^{-2}$	<b>61</b>	145 Pm Prometio $[X_1] \text{Ed}^6 \text{E}^{-2}$	<b>62</b>	150.36 Sm Samario $[X_1] \text{Ed}^6 \text{E}^{-2}$	<b>63</b>	151.96 Eu Europio $[X_1] \text{Ed}^6 \text{E}^{-2}$	<b>64</b>	157.25 Gd Gadolino $[X_1] \text{Ed}^6 \text{E}^{-2}$	<b>65</b>	158.93 Tb Terbio $[X_1] \text{Ed}^6 \text{E}^{-2}$	<b>66</b>	162.50 Dy Disprosio $[X_1] \text{Ed}^6 \text{E}^{-2}$	<b>67</b>	164.93 Ho Holmio $[X_1] \text{Ed}^6 \text{E}^{-2}$	<b>68</b>	167.26 Er Ermio $[X_1] \text{Ed}^6 \text{E}^{-2}$	<b>69</b>	168.93 Tm Tulio $[X_1] \text{Ed}^6 \text{E}^{-2}$	<b>70</b>	173.04 Yb Iterbio $[X_1] \text{Ed}^6 \text{E}^{-2}$	<b>71</b>	174.97 Lu Lutecio $[X_1] \text{Ed}^6 \text{E}^{-2}$
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<b>89</b> <b>Ac</b> Actinio [Rn] 6d <sup>1</sup> 7s <sup>2</sup>	<b>90</b> <b>Th</b> Torio [Rn] 6d <sup>1</sup> 7s <sup>2</sup>	<b>91</b> <b>Pa</b> Protactinio [Rn] 5f <sup>6</sup> d <sup>1</sup> 7s <sup>2</sup>	<b>92</b> <b>U</b> Uranio [Rn] 5f <sup>6</sup> d <sup>1</sup> 7s <sup>2</sup>	<b>93</b> <b>Np</b> Neptunio [Rn] 5f <sup>6</sup> d <sup>1</sup> 7s <sup>2</sup>	<b>94</b> <b>Pu</b> Plutonio [Rn] 5f <sup>6</sup> d <sup>2</sup>	<b>95</b> <b>Am</b> Americio [Rn] 5f <sup>6</sup> d <sup>2</sup> 7s <sup>2</sup>	<b>96</b> <b>Cm</b> Curio [Rn] 5f <sup>6</sup> d <sup>1</sup> 7s <sup>2</sup>	<b>97</b> <b>Bk</b> Berkelio [Rn] 5f <sup>5</sup> 7s <sup>2</sup>	<b>98</b> <b>Cf</b> Californio [Rn] 5f <sup>5</sup> 7s <sup>2</sup>	<b>99</b> <b>Es</b> Einsteinio [Rn] 5f <sup>1</sup> 7s <sup>2</sup>	<b>100</b> <b>Fm</b> Fermio [Rn] 5f <sup>1</sup> 7s <sup>2</sup>	<b>101</b> <b>Md</b> Mendelevio [Rn] 5f <sup>1</sup> 7s <sup>2</sup>	<b>102</b> <b>No</b> Nobelio [Rn] 5f <sup>1</sup> 6s <sup>2</sup> 7p <sup>1</sup>	<b>103</b> <b>Lr</b> Laurencio [Rn] 5f <sup>1</sup> 6s <sup>2</sup> 7p <sup>1</sup>
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