

AHORA QUE SÍ NOS VEN

# TABLA PERIÓDICA DE LAS ELEMENTALES

Elemental adj. Fundamental, primordial.										<p>“En la vida no existe nada que temer, solo cosas que comprender. Ahora es tiempo de entender más, para temer menos.” - Marie Curie.</p>									
<p>Año de nacimiento – Año de fallecimiento</p> <p><b>Zn</b> – Símbolo Wang Zhenyi – Nombre</p>																			
370 - 413																	1854 - 1923		
<b>H</b> Hipatia																	<b>He</b> Hertha Marks Ayrton		
1948 -	1955 -																		
<b>Li</b> Elizabeth Blackburn	<b>Be</b> Thaisa Storchi Bergmann																		
1925 - 2018	1906 - 1972																		
<b>Na</b> Ana Belén Elgyohen	<b>Mg</b> Maria Coeppert-Mayer																		
1913-1996	1863-1941	1865 - 1915	1942 - 1991	1957 -	1910 - 1994	1773 - 1841	1952 -	1896 - 1957	1866 - 1952	1867	1768 - 1797	1900 - 1979	1918 - 1999	1938 - 2019	1914 - 2015	1964 -	1898 - 1979		
<b>K</b> Mary Leaky	<b>Ca</b> Annie Jump Cannon	<b>Sc</b> Suzanne Laflesche Picotte	<b>Ti</b> Katia Krafft	<b>V</b> Viviana Alder	<b>Cr</b> Dorothy Crowfoot Hodgkin	<b>Mn</b> Marie Anne Gillain	<b>Fe</b> Felicitas Arias	<b>Co</b> Gerty Cori	<b>Ni</b> Antonia Maury	<b>Cu</b> Marie, Irène y Éve Curie	<b>Zn</b> Wang Zhenyi	<b>Ga</b> Cecilia Payne-Gaposchkin	<b>Ge</b> Gertrude Belle Elion	<b>As</b> Margarita Salas	<b>Se</b> Frances Oldham Kelsey	<b>Br</b> Karen Hallberg	<b>Kr</b> Katharine Burr Blodgett		
1919 -	1950 -	1930 -	1951 -	1943 -	1909 - 2012	1818 - 1889	1895 - 1975	1750 - 1848	1546 - 1588	300 a.c. -	1961 -	1941 - 1981	1939 -	1559 - 1643	1937 -	1888 - 1993	1936 - 2014		
<b>Rb</b> Margaret Burbidge	<b>Sr</b> Susana Damborenea	<b>Y</b> Tu Youyou	<b>Zr</b> Noemi Zaritzky	<b>Nb</b> Jocelyn Bell Burnell	<b>Mo</b> Rita Levi-Montalcini	<b>Tc</b> María Mitchell	<b>Ru</b> Ángela Ruiz Robles	<b>Rh</b> Caroline Herschel	<b>Pd</b> Céspedes	<b>Ag</b> Agnódice	<b>Cd</b> Carolyn Widney Greider	<b>In</b> Beatrice Tinsley	<b>Sn</b> Bárbara Askins	<b>Sb</b> Sophia Brahe	<b>Te</b> Valentina Tereshkova	<b>I</b> Inge Lehmann	<b>Xe</b> Daisy Roulland Dussoix		
1956 -	1892 - 1916	1815 - 1852	1820 - 1910	1868 - 1921	1670 - 1720	1903 - 1998	1963 -	1880 - 1958	1960	1894 - 1970	1098 - 1179	1925 - 2009	1942 -	1928 - 2016	1862 - 1935	1903 - 1971	1961 -		
<b>Cs</b> Frances Arnold	<b>Ba</b> Alice Ball	<b>La</b> Ada Lovelace	<b>Hf</b> Florence Nightingale	<b>Ta</b> Henrietta Leavitt	<b>W</b> María Winkelman	<b>Re</b> María Reiche	<b>Os</b> May Britt Mosser	<b>Ir</b> Marie Stopes	<b>Pt</b> Iris Peralta	<b>Au</b> Marietta Blau	<b>Hg</b> Hildegarda de Bingen	<b>Tl</b> Assumpció Catalá	<b>Pb</b> Pilar Carbonero	<b>Bi</b> Vera Rubin	<b>Po</b> Agnes Pockels	<b>At</b> Kathleen Lonsdale	<b>Rn</b> Sandra Myrna Díaz		
1920 - 1958	1964	1921 - 2005	1847 - 1927	1947 -	1912 - 1997	1918 - 2015	1898 - 1986	1900 - 1995	1842 - 1911	1936 -	1610 - 1664	1940 - 2011	1857 - 1911	1927 - 2003	1916 - 2005	- 1100	1910-2008		
<b>Fr</b> Rosalind Franklin	<b>Ra</b> Andrea Gamarnik	<b>Ac</b> Mary Jackson	<b>Rf</b> Sarah Frances Whiting	<b>Db</b> Linda B. Buck	<b>Sg</b> Chien-Shiung Wu	<b>Bh</b> Bodil Schmidt-Nielsen	<b>Hs</b> Helen Taussig	<b>Mt</b> Maria Telkes	<b>Ds</b> Ellen Swallow Richards	<b>Rg</b> Margaret Hamilton	<b>Cn</b> María Cunitz	<b>Nh</b> Wangari Muta Maathai	<b>Fl</b> Williamina Fleming	<b>Mc</b> Martha Chase	<b>Lv</b> Ángeles Alvariño	<b>Ts</b> Trotula de Salerno	<b>Og</b> Dorothy Vaughan		

- Astronomía
- Medicina
- Ingeniería
- Matemática
- Inventora
- Física
- Informática
- Ciencias Naturales
- Astronauta
- Química

1859 - 1934	1909 - 1974	1942	1909 - 1975	1933	1968	1950	1951 -	1914 - 2000	1906 - 1992	1882 - 1935	1913 - 2002	1647 - 1717	1929 - 1991
<b>Ce</b> Cecilia Grierson	<b>Pr</b> Virginia Apgar	<b>Nd</b> Christiane Nüsslein-Volhard	<b>Pm</b> Marguerite Perey	<b>Sm</b> Mariana Weissmann	<b>Eu</b> María Eugenia Farias	<b>Gd</b> Gloria Mabel Dubner	<b>Tb</b> Tebello Nyokong	<b>Dy</b> Hedy Lamarr	<b>Ho</b> Grace Murray Hopper	<b>Er</b> Emmy Noether	<b>Tm</b> Miriam Stimson	<b>Yb</b> María Sybilla	<b>Lu</b> Ljubov Rebane
1939 -	470 - 400 a.c.	1926 - 2004	1758 - 1836	1723 - 1788	1977 - 2017	1875 - 1948	1902 - 1992	1322 *	1969 -	1862 - 1945	1930 - 2017	1947 -	1878 - 1968
<b>Th</b> Ada Yonath	<b>Pa</b> Aspasia de Mileto	<b>U</b> Elisabeth Kübler-Ross	<b>Np</b> Marie Anne Pierrette	<b>Pu</b> Nicole-Reine Etabelle Lepaute	<b>Am</b> Maryam Mirzakhani	<b>Cm</b> Mileva Maric	<b>Bk</b> Barbara McClintock	<b>Cf</b> Jacoba Félicíe	<b>Es</b> Alicia Sintet	<b>Fm</b> Florence Bascom	<b>Md</b> Mildred Dresselhaus	<b>No</b> Françoise Barre-Sinoussi	<b>Lr</b> Lise Meitner



GRUPO 1/IA										GRUPO 2										GRUPO 18/VIII B															
1	1,00794 ±1																			2	4,003														
3	6,941 1	4	9,012 2																			5	10,811 3	6	12,011 ±4, 2	7	14,007 ±3, 5, 4, 2	8	15,999 -2, -1	9	18,998 -1	10	18,998		
11	22,989 1	12	24,305 2																			13	26,981 1	14	28,086 4, 2	15	30,974 ±3, 5, 4	16	32,065 6, ±2, 4	17	35,453 ±1, 7, 5, 3	18	39,948		
19	39,098 1	20	40,078 2	21	44,956 3	22	47,867 4, 3, 2	23	50,942 5, 4, 3, 2	24	51,996 3, 2, 6	25	54,938 2, 3, 4, 6, 7	26	55,845 3, 2, 6	27	63,546 2, 3	28	58,693 2, 3	29	63,546 2, 1	30	65,409 2	31	65,409 1, 3	32	72,640 4	33	74,922 ±3, 5	34	78,960 4, 6, -2	35	79,904 ±1, 7, 5, 3	36	83,800
37	85,458 1	38	87,620 2	39	88,906 3	40	91,224 4	41	92,906 5, 3, 4	42	95,940 6, 5, 3, 4, 2	43	98 7, 5, 4	44	101,070 2, 3, 4, 6, 8	45	102,905 2, 3, 4	46	106,420 2, 4	47	107,868 1	48	112,410 2	49	14,8202 3	50	118,710 4, 2	51	121,760 ±3, 5	52	127,600 4, 6, -2	53	126,905 ±1, 5, 7	54	131,290
55	132,905 1	56	137,327 2	57	137,327 3	72	178,49 4	73	180,948 5, 4	74	183,840 6, 5, 3, 4, 2	75	186,207 7, 6, 5, 3, 4, 2	76	190,230 4, 8, 6, 8, 3, 2	77	190,230 4, 2, 6, 3	78	192,217 4, 2	79	196,965 3, 1	80	196,965 2, 1	81	204,383 3, 1	82	207,200 2, 4	83	208,980 3, 5	84	209 4, 2, 6	85	210 ±1, 7, 5, 3	86	222
87	223 1	88	226 2	59	227 3	104	261	105	262	106	263	107	264	108	265	109	268	110	269	111	272	112	285	113	284	114	289	115	288	116	-	117	-	118	-
Fr	[Rn] 3s <sup>1</sup>	Ra	[Rn] 2s <sup>2</sup>	Ac	[Rn] 6d <sup>1</sup> 7s <sup>2</sup>	Rf	[Rn] 4f <sup>14</sup> 6d <sup>2</sup> 7s <sup>2</sup>	Db	[Rn] 5f <sup>14</sup> 6d <sup>7</sup> 7s <sup>2</sup>	Sg	[Rn] 5f <sup>14</sup> 6d <sup>7</sup> 7s <sup>2</sup>	Bh	[Rn] 5f <sup>14</sup> 6d <sup>7</sup> 7s <sup>2</sup>	Hs	[Rn] 5f <sup>14</sup> 6d <sup>7</sup> 7s <sup>2</sup>	Mt	[Rn] 5f <sup>14</sup> 6d <sup>7</sup> 7s <sup>2</sup>	Ds	[Rn] 5f <sup>14</sup> 6d <sup>7</sup> 7s <sup>2</sup>	Rg	[Rn] 5f <sup>14</sup> 6d <sup>7</sup> 7s <sup>2</sup>	Cn	[Rn] 5f <sup>14</sup> 6d <sup>7</sup> 7s <sup>2</sup>	Nh	[Rn] 5f <sup>14</sup> 6d <sup>10</sup> 7s <sup>2</sup> 7p <sup>1</sup>	Fh	[Rn] 5f <sup>14</sup> 6d <sup>10</sup> 7s <sup>2</sup> 7p <sup>2</sup>	Mc	[Rn] 5f <sup>14</sup> 6d <sup>10</sup> 7s <sup>2</sup> 7p <sup>3</sup>	Lv	[Rn] 5f <sup>14</sup> 6d <sup>10</sup> 7s <sup>2</sup> 7p <sup>4</sup>	Ts	-	Og	-

Número atómico: 1  
 Masa atómica: 1,00794 ±1  
 Estado de oxidación: 1  
 Simbolo: H  
 Nombre: Hidrógeno  
 Configuración electrónica: 1s<sup>1</sup>

Líquido  
 Sólido  
 Gaseoso  
 Sintéticos

58	140,116 3, 4	59	140,907 3, 4	60	144,240 3	61	145 3	62	150,360 3, 2	63	151,964 3, 2	64	157,250 3	65	158,925 3, 4	66	162,50 3	67	164,930 3	68	167,260 3	69	168,934 3, 2	70	173,040 3, 2	71	174,967 3
Ce	[Xe] 4f <sup>1</sup> 5d <sup>1</sup> 6s <sup>2</sup>	Pr	[Xe] 4f <sup>2</sup> 5d <sup>1</sup> 6s <sup>2</sup>	Nd	[Xe] 4f <sup>4</sup> 5d <sup>1</sup> 6s <sup>2</sup>	Pm	[Xe] 4f <sup>6</sup> 5d <sup>1</sup> 6s <sup>2</sup>	Sm	[Xe] 4f <sup>6</sup> 5d <sup>1</sup> 6s <sup>2</sup>	Eu	[Xe] 4f <sup>7</sup> 5d <sup>1</sup> 6s <sup>2</sup>	Gd	[Xe] 4f <sup>7</sup> 5d <sup>1</sup> 6s <sup>2</sup>	Tb	[Xe] 4f <sup>9</sup> 6s <sup>2</sup>	Dy	[Xe] 4f <sup>10</sup> 6s <sup>2</sup>	Ho	[Xe] 4f <sup>11</sup> 6s <sup>2</sup>	Er	[Xe] 4f <sup>12</sup> 6s <sup>2</sup>	Tm	[Xe] 4f <sup>13</sup> 6s <sup>2</sup>	Yb	[Xe] 4f <sup>14</sup> 6s <sup>2</sup>	Lu	[Xe] 4f <sup>14</sup> 5d <sup>1</sup> 6s <sup>2</sup>
90	232,038 4	91	231,036 5, 4	92	238,229 6, 5, 4, 3, 2	93	237 5, 6, 4, 3	94	244 4, 6, 5, 3	95	243 3, 6, 5, 4, 2	96	247 3	97	247 2, 3, 4	98	251 2, 3, 4	99	252 3	100	257 3	101	258 3	102	259 3	103	262 3
Th	[Rn] 6d <sup>2</sup> 7s <sup>2</sup>	Pa	[Rn] 5f <sup>2</sup> 6d <sup>1</sup> 7s <sup>2</sup>	U	[Rn] 5f <sup>3</sup> 6d <sup>1</sup> 7s <sup>2</sup>	Np	[Rn] 5f <sup>4</sup> 6d <sup>1</sup> 7s <sup>2</sup>	Pu	[Rn] 5f <sup>6</sup> 7s <sup>2</sup>	Am	[Rn] 5f <sup>7</sup> 6s <sup>2</sup>	Cm	[Rn] 5f <sup>7</sup> 6d <sup>1</sup> 7s <sup>2</sup>	Bk	[Rn] 5f <sup>9</sup> 7s <sup>2</sup>	Cf	[Rn] 5f <sup>10</sup> 7s <sup>2</sup>	Es	[Rn] 5f <sup>11</sup> 7s <sup>2</sup>	Fm	[Rn] 5f <sup>12</sup> 7s <sup>2</sup>	Md	[Rn] 5f <sup>13</sup> 7s <sup>2</sup>	No	[Rn] 5f <sup>14</sup> 7s <sup>2</sup>	Lr	[Rn] 5f <sup>14</sup> 6d <sup>1</sup> 7s <sup>2</sup>