

Periodic Table of the Elements

Period																	18																						
1																	18																						
1	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">1.00794 1 1</td> <td style="text-align: center; font-size: 2em;">H</td> <td style="text-align: center;">+1 -1</td> </tr> </table>																1.00794 1 1	H	+1 -1	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">4.00260 2 2</td> <td style="text-align: center; font-size: 2em;">He</td> <td style="text-align: center;">0</td> </tr> </table>																4.00260 2 2	He	0	18
1.00794 1 1	H	+1 -1																																					
4.00260 2 2	He	0																																					
																	Group	18																					
																	13	14	15	16	17	18	0																
																	5	6	7	8	9	10	0																
																	26.98154 2-3	12.0111 2-4	30.97376 2-5	15.9994 2-6	18.998403 2-7	39.948 2-8	0																
																	13	14	15	16	17	18	0																
																	3	4	5	6	7	8	0																
																	22.98977 2-1	6.941 2-1	24.305 2-2											0									
																	11	12											0										
																	2-1	2-2											0										
																	3	4	5	6	7	8	9	10	11	12			0										
																	39.0983 2-1	40.08 2-2	44.9559 2-2	47.88 2-2	50.9415 2-3	51.996 2-3	54.938 2-3	55.847 2-3	58.932 2-3	58.69 2-3	63.546 2-3	65.39 2-3	69.72 2-3	72.59 2-3	74.9216 2-3	78.96 2-3	79.904 2-3	83.80 2-3	0				
																	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	0				
																	2-1	2-2	2-2	2-10-2	2-11-2	2-13-1	2-13-2	2-14-2	2-15-2	2-16-2	2-18-1	2-18-2	2-18-3	2-18-4	2-18-5	2-18-6	2-18-7	2-18-8	0				
																	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	0				
																	85.4678 2-1	87.62 2-2	88.9059 2-2	91.224 2-2	92.9064 2-3	95.94 2-3	(98) 2-3	101.07 2-3	102.906 2-3	106.42 2-3	107.868 2-3	112.41 2-3	114.82 2-3	118.71 2-3	121.75 2-3	127.60 2-3	128.905 2-3	131.29 2-3	132.905 2-3	0			
																	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	0				
																	2-1	2-2	2-2	2-10-2	2-11-2	2-13-1	2-13-2	2-14-1	2-15-1	2-18-1	2-18-2	2-18-3	2-18-4	2-18-5	2-18-6	2-18-7	2-18-8	2-18-9	2-18-10	0			
																	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	0			
																	132.905 2-1	137.33 2-2	138.906 2-2	178.49 2-2	180.948 2-3	183.85 2-3	186.207 2-3	190.2 2-3	192.22 2-3	195.08 2-3	196.967 2-3	200.59 2-3	204.383 2-3	207.2 2-3	208.980 2-3	(209) 2-3	(210) 2-3	(222) 2-3	(223) 2-3	(224) 2-3	0		
																	55	56	57	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	0				
																	2-1	2-2	2-2	2-10-2	2-11-2	2-12-2	2-13-2	2-14-2	2-15-2	2-17-1	2-18-1	2-18-2	2-18-3	2-18-4	2-18-5	2-18-6	2-18-7	2-18-8	2-18-9	2-18-10	0		
																	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	0				
																	87	88	89	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	0		
																	2-1	2-2	2-2	2-10-2	2-11-2	2-12-2	2-13-2	2-14-2	2-15-2	2-17-1	2-18-1	2-18-2	2-18-3	2-18-4	2-18-5	2-18-6	2-18-7	2-18-8	2-18-9	2-18-10	0		

KEY

Atomic Mass → 12.011 ← Selected Oxidation States

Symbol → **C**

Atomic Number → 6

Electron Configuration → 2-4

Relative atomic masses are based on ¹²C = 12.000

Note: Mass numbers in parentheses are mass numbers of the most stable or common isotope.

*The systematic names and symbols for elements of atomic numbers above 109 will be used until the approval of trivial names by IUPAC.

**Denotes the presence of (2-8) for elements 72 and above

140.12 58	140.908 59	144.24 60	(145) 61	150.36 62	151.96 63	157.25 64	158.925 65	162.50 66	164.930 67	167.26 68	168.934 69	173.04 70	174.967 71
232.038 90	231.036 91	238.029 92	237.048 93	(244) 94	(245) 95	(247) 96	(247) 97	(251) 98	(252) 99	(257) 100	(268) 101	(269) 102	(269) 103