

Periodic Table of the Elements

Period	1
1	¹ ₁ H

18	⁰ ₂ He
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KEY

Atomic Mass → 12.011

Symbol → **C**

Atomic Number → 6

Electron Configuration → 2-4

← Selected Oxidation States: -4, +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.

	Group 1		Group 2										Group 13										Group 14										Group 15										Group 16										Group 17										Group 18									
2	^{6.941} ₃ Li	^{9.01218} ₄ Be	^{22.98977} ₁₁ Na	^{24.305} ₁₂ Mg	^{39.0983} ₁₉ K	^{40.08} ₂₀ Ca	^{47.88} ₂₁ Sc	^{48.9593} ₂₂ Ti	^{50.9415} ₂₃ V	^{51.996} ₂₄ Cr	^{54.9380} ₂₅ Mn	^{55.847} ₂₆ Fe	^{58.9332} ₂₇ Co	^{58.9332} ₂₈ Ni	^{63.546} ₂₉ Cu	^{65.39} ₃₀ Zn	^{69.72} ₃₁ Ga	^{72.59} ₃₂ Ge	^{74.9216} ₃₃ As	^{75.94} ₃₄ Se	^{78.96} ₃₅ Br	^{79.904} ₃₆ Kr	^{85.4678} ₃₇ Rb	^{87.62} ₃₈ Sr	^{132.905} ₅₅ Cs	^{137.33} ₅₆ Ba	^{178.49} ₇₂ Hf	^{178.49} ₇₃ Ta	^{180.948} ₇₄ W	^{183.85} ₇₅ Re	^{186.207} ₇₆ Os	^{187.04} ₇₇ Ir	^{188.906} ₇₈ Pt	^{195.08} ₇₉ Au	^{197.027} ₈₀ Hg	^{200.59} ₈₁ Tl	^{204.383} ₈₂ Pb	^{208.980} ₈₃ Bi	^{208.980} ₈₄ Po	²⁰⁹ ₈₅ At	²¹⁰ ₈₆ Rn	^{223.019} ₈₇ Fr	^{226.025} ₈₈ Ra	^{238.0289} ₉₄ Pu	^{238.0289} ₉₅ Am	^{238.0289} ₉₆ Cm	^{238.0289} ₉₇ Bk	^{238.0289} ₉₈ Cf	^{238.0289} ₉₉ Es	^{238.0289} ₁₀₀ Fm	^{238.0289} ₁₀₁ Md	^{238.0289} ₁₀₂ No	^{238.0289} ₁₀₃ Lr																			

*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	^{140.12} ₅₈ Ce	^{140.908} ₅₉ Pr	^{144.24} ₆₀ Nd	¹⁴⁵ ₆₁ Pm	^{150.36} ₆₂ Sm	^{151.96} ₆₃ Eu	^{157.25} ₆₄ Gd	^{158.925} ₆₅ Tb	^{162.50} ₆₆ Dy	^{164.930} ₆₇ Ho	^{167.26} ₆₈ Er	^{168.934} ₆₉ Tm	^{173.04} ₇₀ Yb	^{174.967} ₇₁ Lu
232.038	^{232.038} ₉₀ Th	^{231.036} ₉₁ Pa	^{238.029} ₉₂ U	^{237.048} ₉₃ Np	²⁴⁴ ₉₄ Pu	²⁴³ ₉₅ Am	²⁴⁷ ₉₆ Cm	²⁴⁷ ₉₇ Bk	²⁵¹ ₉₈ Cf	²⁵² ₉₉ Es	²⁵⁷ ₁₀₀ Fm	²⁵⁸ ₁₀₁ Md	²⁵⁹ ₁₀₂ No	²⁶⁰ ₁₀₃ Lr

Reference Tables for Physical Setting/CHEMISTRY