



Periodic Table of the Elements ===





He lium 4.0026
- 2p Ne neon 20.18
- 3p Ar argon 39.8775
- 4p K1 krypton 83.798
2.60 5 <i>p</i> Xe xenon 131.29
- 6p Rn radon (222)
$ \frac{-7p}{\log} $
1 8

*	57 1.1 5 <i>d</i> ° La lanthanum 138.91	58 1.12 4f° Ce cerium 140.12	59 1.13 4f	60 1.14 4f Nd neodymium 144.24	$\Pr_{\substack{\text{promethium}\\(145)}}^{\text{61}}-4f$	5m samarium 150.36	63 – 4f Eu europium 151.96	64 1.2 4f° Gd gadolinium 157.25	65 – 4 <i>f</i> Tb terbium 158.93	Dy dysprosium 162.5	67 1.23 4f Ho holmium 164.93	68 1.24 4f Er erbium 167.26	69 1.25 4f Tm thulium 168.93	$\begin{array}{ccc} 70 & - & 4f \\ \begin{array}{c} Yb \\ \text{ytterbium} \\ 173.05 \end{array}$	71 1.27 4 <i>f</i> L11 lutetium 174.97
**	89 1.1 6 <i>d</i> ° AC actinium (227)	90 1.3 5 f° Th thorium 232.04	91 1.5 5 <i>f</i> * Pa protactinium 231.04	92 1.38 5 f° U uranium 238.03	93 1.36 5f° Np neptunium (237)	94 1.28 5 <i>f</i> Pu plutonium (244)	95 - 5 <i>f</i> Am americium (243)	96 – 5f° Cm curium (247)	97 1.3 5 <i>f</i> Bk berkelium (247)	98 1.3 5 <i>f</i> Cf californium (251)	99 1.3 5 <i>f</i> ES einsteinium (252)	100 1.3 5f Fm fermium (257)	101 1.3 5f Md mendelevium (258)	102 1.3 5f No nobelium (259)	103 – 6 <i>d</i> LT lawrencium (266)

†Standard atomic weights (average terrestrial atomic weight) taken from the Commission on Isotopic Abundances and Atomic Weights (http://www.ciaaw.org/abridged-atomic-weights.htm). If CIAAW indicates a range for the standard atomic weight of an element, I used the arithmetic mean of the boundaries of the range. Elements with atomic weight in parentheses (e.g., Francium (223)) have no known stable isotopes. Therefore, the mass of a representa-



[°]Indicates an anomalous (Aufbau rule-breaking) ground state electron configuration. Inspired by Ivan Griffin's FIEX Periodic Table. Distributed under the MIT open source license. 2019. Paul N. Danese