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| 1 H Hydrogen 1.0079 | 2 IIA 2A | | | | | | | | | | |
| 3 Li Lithium 6.941 | 4 Be Beryllium 9.01218 | Alkali Metal | Alkaline Earth | Transition Metal | Basic Metal | Semimetals | Nonmetals | Halogens | Noble Gas | Lanthanides | Actinides |
| 11 Na Sodium 22.989768 | 12 Mg Magnesium 24.305 | 3 IIIB 3B | 4 IVB 4B | 5 VB 5B | 6 VIB 6B | 7 VIIB 7B | 8 VIII 8 | 9 VIII 8 | 10 VIII 8 | 11 IB 1B | 12 IIIB 2B |
| 19 K Potassium 39.0983 | 20 Ca Calcium 40.078 | 21 Sc Scandium 44.95591 | 22 Ti Titanium 47.88 | 23 V Vanadium 50.9415 | 24 Cr Chromium 51.9962 | 25 Mn Manganese 54.938 | 26 Fe Iron 55.847 | 27 Co Cobalt 58.9332 | 28 Ni Nickel 58.6934 | 29 Cu Copper 63.546 | 30 Zn Zinc 65.38 |
| 37 Rb Rubidium 85.4678 | 38 Sr Strontium 87.62 | 39 Y Yttrium 88.90585 | 40 Zr Zirconium 91.224 | 41 Nb Niobium 92.90638 | 42 Mo Molybdenum 95.94 | 43 Tc Technetium 98.9072 | 44 Ru Ruthenium 101.07 | 45 Rh Rhodium 102.9055 | 46 Pd Palladium 106.42 | 47 Ag Silver 107.8682 | 48 Cd Cadmium 112.411 |
| 55 Cs Cesium 132.90543 | 56 Ba Barium 137.327 | 57-71 | 72 Hf Hafnium 178.49 | 73 Ta Tantalum 180.9479 | 74 W Tungsten 183.85 | 75 Re Rhenium 186.207 | 76 Os Osmium 190.23 | 77 Ir Iridium 192.22 | 78 Pt Platinum 195.08 | 79 Au Gold 196.9665 | 80 Hg Mercury 200.59 |
| 87 Fr Francium 223.0197 | 88 Ra Radium 226.0254 | 89-103 | 104 Rf Rutherfordium [261] | 105 Db Dubnium [262] | 106 Sg Seaborgium [266] | 107 Bh Bohrium [264] | 108 Hs Hassium [269] | 109 Mt Meitnerium [268] | 110 Ds Darmstadtium [272] | 111 Rg Roentgenium [272] | 112 Cn Copernicium [277] |
| Lanthanide Series | | 57 La Lanthanum 138.9055 | 58 Ce Cerium 140.115 | 59 Pr Praseodymium 140.90765 | 60 Nd Neodymium 144.24 | 61 Pm Promethium 144.9127 | 62 Sm Samarium 150.36 | 63 Eu Europium 151.9655 | 64 Gd Gadolinium 157.25 | 65 Tb Terbium 158.92534 | 66 Dy Dysprosium 162.5001 |
| Actinide Series | | 89 Ac Actinium 227.0278 | 90 Th Thorium 232.0381 | 91 Pa Protactinium 231.03588 | 92 U Uranium 238.0289 | 93 Np Neptunium 237.0482 | 94 Pu Plutonium 244.0642 | 95 Am Americium 243.0614 | 96 Cm Curium 247.0703 | 97 Bk Berkelium 247.0703 | 98 Cf Californium 251.0833 |