

Periodic Table of the Elements

By the 8th Grade

Atomic Number
Symbol
Name
Atomic Mass

1 1A 1A H Hydrogen 1.008	2 2A 2A He Helium 4.003																	13 3A 3A B Boron 10.811	14 4A 4A C Carbon 12.011	15 5A 5A N Nitrogen 14.007	16 6A 6A O Oxygen 15.999	17 7A 7A F Fluorine 18.998	18 8A 8A Ne Neon 20.180												
3 Li Lithium 6.941	4 Be Beryllium 9.012																	5 B Boron 10.811	6 C Carbon 12.011	7 N Nitrogen 14.007	8 O Oxygen 15.999	9 F Fluorine 18.998	10 Ne Neon 20.180												
11 Na Sodium 22.990	12 Mg Magnesium 24.305	3 3B 3B Al Aluminum 26.982	4 4B 4B Si Silicon 28.086	5 5B 5B P Phosphorus 30.974	6 6B 6B S Sulfur 32.066	7 7B 7B Cl Chlorine 35.453	8 8B 8B Ar Argon 39.948	9 9B 9B K Potassium 39.098	10 10B 10B Ca Calcium 40.078	11 11B 11B Sc Scandium 44.956	12 12B 12B Ti Titanium 47.867	13 13B 13B V Vanadium 50.942	14 14B 14B Cr Chromium 51.996	15 15B 15B Mn Manganese 54.938	16 16B 16B Fe Iron 55.845	17 17B 17B Co Cobalt 58.933	18 18B 18B Ni Nickel 58.693	19 19B 19B Cu Copper 63.546	20 20B 20B Zn Zinc 65.38	21 21B 21B Ga Gallium 69.723	22 22B 22B Ge Germanium 72.631	23 23B 23B As Arsenic 74.922	24 24B 24B Se Selenium 78.972	25 25B 25B Br Bromine 79.904	26 26B 26B Kr Krypton 83.798										
37 Rb Rubidium 85.468	38 Sr Strontium 87.62	39 Y Yttrium 88.906	40 Zr Zirconium 91.224	41 Nb Niobium 92.906	42 Mo Molybdenum 95.95	43 Tc Technetium 98.907	44 Ru Ruthenium 101.07	45 Rh Rhodium 102.906	46 Pd Palladium 106.42	47 Ag Silver 107.868	48 Cd Cadmium 112.411	49 In Indium 114.818	50 Sn Tin 118.711	51 Sb Antimony 121.760	52 Te Tellurium 127.6	53 I Iodine 126.904	54 Xe Xenon 131.294	55 Cs Cesium 132.905	56 Ba Barium 137.328	57-71 Lanthanide Series	72 Hf Hafnium 178.49	73 Ta Tantalum 180.948	74 W Tungsten 183.84	75 Re Rhenium 186.207	76 Os Osmium 190.23	77 Ir Iridium 192.217	78 Pt Platinum 195.085	79 Au Gold 196.967	80 Hg Mercury 200.592	81 Tl Thallium 204.383	82 Pb Lead 207.2	83 Bi Bismuth 208.980	84 Po Polonium [208.982]	85 At Astatine 209.987	86 Rn Radon 222.018
87 Fr Francium 223.020	88 Ra Radium 226.025	89-103 Actinide Series	104 Rf Rutherfordium [261]	105 Db Dubnium [262]	106 Sg Seaborgium [266]	107 Bh Bohrium [264]	108 Hs Hassium [269]	109 Mt Meitnerium [278]	110 Ds Darmstadtium [281]	111 Rg Roentgenium [280]	112 Cn Copernicium [285]	113 Nh Nihonium [286]	114 Fl Flerovium [289]	115 Mc Moscovium [289]	116 Lv Livermorium [293]	117 Ts Tennessine [294]	118 Og Oganesson [294]																		

Lanthanide Series

Actinide Series

57 La Lanthanum 138.905	58 Ce Cerium 140.116	59 Pr Praseodymium 140.908	60 Nd Neodymium 144.242	61 Pm Promethium 144.913	62 Sm Samarium 150.36	63 Eu Europium 151.964	64 Gd Gadolinium 157.25	65 Tb Terbium 158.925	66 Dy Dysprosium 162.500	67 Ho Holmium 164.930	68 Er Erbium 167.259	69 Tm Thulium 168.934	70 Yb Ytterbium 173.055	71 Lu Lutetium 174.967
89 Ac Actinium 227.028	90 Th Thorium 232.038	91 Pa Protactinium 231.036	92 U Uranium 238.029	93 Np Neptunium 237.048	94 Pu Plutonium 244.064	95 Am Americium 243.061	96 Cm Curium 247.070	97 Bk Berkelium 247.070	98 Cf Californium 251.080	99 Es Einsteinium [254]	100 Fm Fermium 257.095	101 Md Mendelevium 258.1	102 No Nobelium 259.101	103 Lr Lawrencium [262]

- Alkali Metal
- Alkaline Earth
- Transition Metal
- Basic Metal
- Semimetal
- Nonmetal
- Halogen
- Noble Gas
- Lanthanide
- Actinide