

# Periodic Table

Atomic Number  $\rightarrow$  20     40.08  
**Ca**  $\leftarrow$  Atomic Weight

1 1.00797 <b>H</b>																	2 4.0026 <b>He</b>
3 6.939 <b>Li</b>	4 9.0122 <b>Be</b>															10 18.9984 <b>F</b>	10 20.183 <b>Ne</b>
11 22.9898 <b>Na</b>	12 24.312 <b>Mg</b>															17 35.453 <b>Cl</b>	18 39.948 <b>Ar</b>
19 39.102 <b>K</b>	20 40.08 <b>Ca</b>	21 44.956 <b>Sc</b>	22 47.88 <b>Ti</b>	23 50.942 <b>V</b>	24 51.996 <b>Cr</b>	25 54.938 <b>Mn</b>	26 55.847 <b>Fe</b>	27 58.933 <b>Co</b>	28 58.71 <b>Ni</b>	29 63.546 <b>Cu</b>	30 65.37 <b>Zn</b>	31 69.72 <b>Ga</b>	32 72.59 <b>Ge</b>	33 74.9216 <b>As</b>	34 78.96 <b>Se</b>	35 79.909 <b>Br</b>	36 83.80 <b>Kr</b>
37 85.47 <b>Rb</b>	38 87.62 <b>Sr</b>	39 88.905 <b>Y</b>	40 91.22 <b>Zr</b>	41 92.906 <b>Nb</b>	42 95.94 <b>Mo</b>	43 97 <b>Tc</b>	44 101.07 <b>Ru</b>	45 102.905 <b>Rh</b>	46 106.4 <b>Pd</b>	47 107.868 <b>Ag</b>	48 112.40 <b>Cd</b>	49 114.82 <b>In</b>	50 118.69 <b>Sn</b>	51 121.75 <b>Sb</b>	52 127.60 <b>Te</b>	53 126.9044 <b>I</b>	54 131.30 <b>Xe</b>
55 132.905 <b>Cs</b>	56 137.34 <b>Ba</b>	57 138.91 <b>La</b>	72 178.48 <b>Hf</b>	73 180.948 <b>Ta</b>	74 183.85 <b>W</b>	75 186.2 <b>Re</b>	76 190.2 <b>Os</b>	77 192 <b>Ir</b>	78 195.08 <b>Pt</b>	79 196.967 <b>Au</b>	80 200.59 <b>Hg</b>	81 204.37 <b>Tl</b>	82 207.19 <b>Pb</b>	83 208.980 <b>Bi</b>	84 210.05 <b>Po</b>	85 210 <b>At</b>	86 222 <b>Rn</b>
87 223 <b>Fr</b>	88 226 <b>Ra</b>	89 227 <b>Ac</b>															
58 140.12 <b>Ce</b>	59 140.907 <b>Pr</b>	60 144.24 <b>Nd</b>	61 145 <b>Pm</b>	62 150.35 <b>Sm</b>	63 151.96 <b>Eu</b>	64 157.25 <b>Gd</b>	65 158.924 <b>Tb</b>	66 162.50 <b>Dy</b>	67 164.930 <b>Ho</b>	68 167.28 <b>Er</b>	69 168.934 <b>Tm</b>	70 173.04 <b>Yb</b>	71 174.97 <b>Lu</b>				
90 232.038 <b>Th</b>	91 231.0 <b>Pa</b>	92 238.03 <b>U</b>	93 237 <b>Np</b>	94 239.05 <b>Pu</b>	95 243.13 <b>Am</b>	96 247 <b>Cm</b>	97 248 <b>Bk</b>	98 251 <b>Cf</b>	99 252 <b>Es</b>	100 257 <b>Fm</b>	101 258 <b>Md</b>	102 259 <b>No</b>	103 256 <b>Lr</b>				

1. The capital letter or combination of a capital letter and lower case letter in the center of the box is the symbol for the element. For example, H stands for hydrogen, He for helium.
2. In the upper left corner of each box is the atomic number for the element. This number is equal to the number of protons in the nucleus of the element.
3. In the center of the box is the atomic weight, given in decimals. Atomic weight is the average weight of all isotopes of a particular element. Rounded off to the nearest whole number, the atomic weight is the number of protons and neutrons, of most common isotopes, added together.