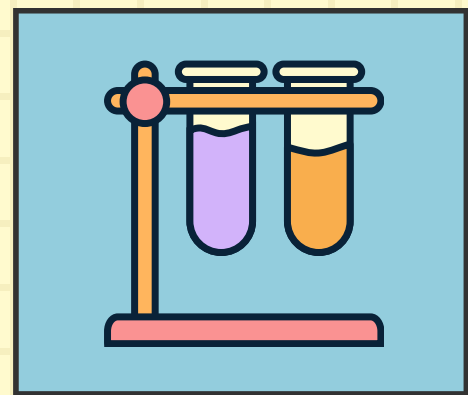
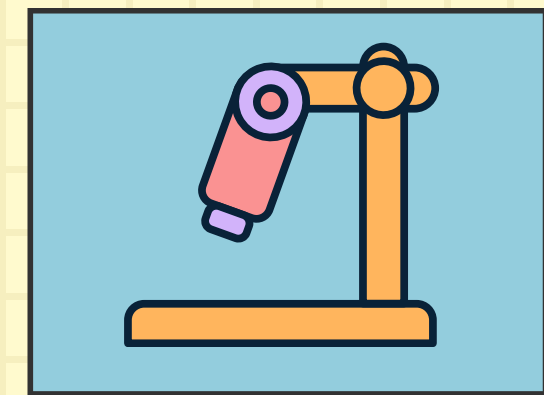




The Periodic Table of Elements



Key: atomic number Symbol name Atomic Mass, u																				
1 H Hydrogen 1.008											2 He Helium 4.00260									
3 Li Lithium 7.0	4 Be Beryllium 9.012183											5 B Boron 10.81	6 C Carbon 12.011	7 N Nitrogen 14.007	8 O Oxygen 15.999	9 F Flourine 18.99840316	10 Ne Neon 20.180			
11 Na Sodium 22.9897693	12 Mg Magnesium 24.305											13 Al Aluminum 26.981538	14 Si Silicon 28.085	15 P Phosphorus 30.97376200	16 S Sulphur 32.07	17 Cl Chlorine 35.45	18 Ar Argon 39.9			
19 K Potassium 39.098	20 Ca Calcium 40.08	21 Sc Scandium 44.95591	22 Ti Titanium 47.87	23 V Vanadium 50.941	24 Cr Chromium 51.996	25 Mn Manganese 54.93804	26 Fe Iron 55.84	27 Co Cobalt 58.93319	28 Ni Nickel 58.693	29 Cu Copper 63.55	30 Zn Zinc 65.4	31 Ga Gallium 69.72	32 Ge Germanium 72.63	33 As Arsenic 72.63	34 Se Selenium 78.97	35 Br Bromine 79.904	36 Kr Krypton 83.80			
37 Rb Rubidium 85.468	38 Sr Strontium 87.6	39 Y Yttrium 88.9058	40 Zr Zirconium 91.22	41 Nb Niobium 92.906	42 Mo Molybdenum	43 Tc Technetium 97.90721	44 Ru Ruthenium 101.1	45 Rh Rhodium 101.1	46 Pd Palladium 106.4	47 Ag Silver 107.868	48 Cd Cadmium 112.41	49 In Indium 114.82	50 Sn Tin 118.71	51 Sb Antimony 121.76	52 Te Tellurium 127.6	53 I Iodine 126.90	54 Xe Xenon 131.29			
55 Cs Caesium 132.9054520	56 Ba Barium 137.33	57-71 Lanthanoids	72 Hf Hafnium 178.5	73 Ta Tantalum 178.5	74 W Tungsten 183.8	75 Re Rhenium 186.21	76 Os Osmium 190.2	77 Ir Iridium 192.22	78 Pt Platinum 195.08	79 Au Gold 196.96657	80 Hg Mercury 200.59	81 Tl Thallium 204.383	82 Pb Lead 207	83 Bi Bismuth 208.9804	84 Po Polonium 208.98243	85 At Astatine 209.98715	86 Rn Radon 222.01758			
87 Fr Francium 223.01973	88 Ra Radium 226.02541	89-103 Actinoids	104 Rf Rutherfordium 276.122	105 Db Dubnium 268.126	106 Sg Seaborgium 271.134	107 Bh Bohrium 274.144	108 Hs Hassium 277.152	109 Mt Meitnerium 278.156	110 Ds Darmstadtium 281.165	111 Rg Roentgenium 282.169	112 Cn Copernicium 285.177	113 Nh Nihonium 286.183	114 Fl Flerovium 289.191	115 Mc Moscovium 290.196	116 Lv Livermorium 293.205	117 Ts Tennesine 294.211	118 Og Oganesson 294.214			

Key:

atomic number Symbol name Atomic Mass, u
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57 La Lanthanum 138.9055	58 Ce Cerium 140.12	59 Pr Praseodymium 140.9077	60 Nd Neodymium 144.24	61 Pm Promethium 144.91276	62 Sm Samarium 150.4	63 Eu Europium 151.96	64 Gd Gadolinium 157.2	65 Tb Terbium 158.92535	66 Dy Dysprosium 162.50	67 Ho Holmium 164.93033	68 Er Erbium 167.93033	69 Tm Thulium 168.93422	70 Yb Ytterbium 173.05	71 Lu Lutetium 174.967
89 Ac Actinium 227.02775	90 Th Thorium 232.038	91 Pa Protactinium 231.0359	92 U Uranium 238.0289	93 Np Neptunium 237.04817	94 Pu Plutonium 244.06420	95 Am Americium 243.06138	96 Cm Curium 247.07035	97 Bk Berkelium 247.07035	98 Cf Californium 251	99 Es Einsteinium 252.0830	100 Fm Fermium 257.09511	101 Md Mendelevium 258.09843	102 No Nobelium 259.10100	103 Lr Lawrencium 262.110