

PERIODIC TABLE

Atomic Properties of the Elements

Period																
1	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 5px;"> <div style="background-color: white; width: 20px; height: 10px; margin-bottom: 2px;"></div> Solids </div> <div style="border: 1px solid black; padding: 5px;"> <div style="background-color: lightblue; width: 20px; height: 10px; margin-bottom: 2px;"></div> Liquids </div> <div style="border: 1px solid black; padding: 5px;"> <div style="background-color: pink; width: 20px; height: 10px; margin-bottom: 2px;"></div> Gases </div> <div style="border: 1px solid black; padding: 5px;"> <div style="background-color: yellow; width: 20px; height: 10px; margin-bottom: 2px;"></div> Artificially Prepared </div> </div>															
1	<div style="display: flex; justify-content: space-between;"> <div style="background-color: pink; padding: 5px; text-align: center;"> 1 H Hydrogen </div> <div style="background-color: pink; padding: 5px; text-align: center;"> 2 He Helium </div> </div>															
2	<div style="display: flex; justify-content: space-between;"> <div style="background-color: white; padding: 5px; text-align: center;"> 3 Li Lithium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 4 Be Beryllium </div> </div>										<div style="display: flex; justify-content: space-between;"> <div style="background-color: white; padding: 5px; text-align: center;"> 5 B Boron </div> <div style="background-color: white; padding: 5px; text-align: center;"> 6 C Carbon </div> <div style="background-color: pink; padding: 5px; text-align: center;"> 7 N Nitrogen </div> <div style="background-color: pink; padding: 5px; text-align: center;"> 8 O Oxygen </div> <div style="background-color: pink; padding: 5px; text-align: center;"> 9 F Fluorine </div> <div style="background-color: pink; padding: 5px; text-align: center;"> 10 Ne Neon </div> </div>					
3	<div style="display: flex; justify-content: space-between;"> <div style="background-color: white; padding: 5px; text-align: center;"> 11 Na Sodium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 12 Mg Magnesium </div> </div>										<div style="display: flex; justify-content: space-between;"> <div style="background-color: white; padding: 5px; text-align: center;"> 13 Al Aluminum </div> <div style="background-color: white; padding: 5px; text-align: center;"> 14 Si Silicon </div> <div style="background-color: pink; padding: 5px; text-align: center;"> 15 P Phosphorus </div> <div style="background-color: white; padding: 5px; text-align: center;"> 16 S Sulfur </div> <div style="background-color: pink; padding: 5px; text-align: center;"> 17 Cl Chlorine </div> <div style="background-color: pink; padding: 5px; text-align: center;"> 18 Ar Argon </div> </div>					
4	<div style="display: flex; justify-content: space-between;"> <div style="background-color: white; padding: 5px; text-align: center;"> 19 K Potassium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 20 Ca Calcium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 21 Sc Scandium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 22 Ti Titanium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 23 V Vanadium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 24 Cr Chromium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 25 Mn Manganese </div> <div style="background-color: white; padding: 5px; text-align: center;"> 26 Fe Iron </div> <div style="background-color: white; padding: 5px; text-align: center;"> 27 Co Cobalt </div> <div style="background-color: white; padding: 5px; text-align: center;"> 28 Ni Nickel </div> <div style="background-color: white; padding: 5px; text-align: center;"> 29 Cu Copper </div> <div style="background-color: white; padding: 5px; text-align: center;"> 30 Zn Zinc </div> <div style="background-color: white; padding: 5px; text-align: center;"> 31 Ga Gallium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 32 Ge Germanium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 33 As Arsenic </div> <div style="background-color: white; padding: 5px; text-align: center;"> 34 Se Selenium </div> <div style="background-color: lightblue; padding: 5px; text-align: center;"> 35 Br Bromine </div> <div style="background-color: pink; padding: 5px; text-align: center;"> 36 Kr Krypton </div> </div>															
5	<div style="display: flex; justify-content: space-between;"> <div style="background-color: white; padding: 5px; text-align: center;"> 37 Rb Rubidium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 38 Sr Strontium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 39 Y Yttrium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 40 Zr Zirconium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 41 Nb Niobium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 42 Mo Molybdenum </div> <div style="background-color: yellow; padding: 5px; text-align: center;"> 43 Tc Technetium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 44 Ru Ruthenium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 45 Rh Rhodium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 46 Pd Palladium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 47 Ag Silver </div> <div style="background-color: white; padding: 5px; text-align: center;"> 48 Cd Cadmium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 49 In Indium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 50 Sn Tin </div> <div style="background-color: white; padding: 5px; text-align: center;"> 51 Sb Antimony </div> <div style="background-color: white; padding: 5px; text-align: center;"> 52 Te Tellurium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 53 I Iodine </div> <div style="background-color: pink; padding: 5px; text-align: center;"> 54 Xe Xenon </div> </div>															
6	<div style="display: flex; justify-content: space-between;"> <div style="background-color: white; padding: 5px; text-align: center;"> 55 Cs Cesium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 56 Ba Barium </div> </div>										<div style="display: flex; justify-content: space-between;"> <div style="background-color: white; padding: 5px; text-align: center;"> 72 Hf Hafnium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 73 Ta Tantalum </div> <div style="background-color: white; padding: 5px; text-align: center;"> 74 W Tungsten </div> <div style="background-color: white; padding: 5px; text-align: center;"> 75 Re Rhenium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 76 Os Osmium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 77 Ir Iridium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 78 Pt Platinum </div> <div style="background-color: white; padding: 5px; text-align: center;"> 79 Au Gold </div> <div style="background-color: lightblue; padding: 5px; text-align: center;"> 80 Hg Mercury </div> <div style="background-color: white; padding: 5px; text-align: center;"> 81 Tl Thallium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 82 Pb Lead </div> <div style="background-color: white; padding: 5px; text-align: center;"> 83 Bi Bismuth </div> <div style="background-color: white; padding: 5px; text-align: center;"> 84 Po Polonium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 85 At Astatine </div> <div style="background-color: pink; padding: 5px; text-align: center;"> 86 Rn Radon </div> </div>					
7	<div style="display: flex; justify-content: space-between;"> <div style="background-color: white; padding: 5px; text-align: center;"> 87 Fr Francium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 88 Ra Radium </div> </div>										<div style="display: flex; justify-content: space-between;"> <div style="background-color: yellow; padding: 5px; text-align: center;"> 104 Rf Rutherfordium </div> <div style="background-color: yellow; padding: 5px; text-align: center;"> 105 Db Dubnium </div> <div style="background-color: yellow; padding: 5px; text-align: center;"> 106 Sg Seaborgium </div> <div style="background-color: yellow; padding: 5px; text-align: center;"> 107 Bh Bohrium </div> <div style="background-color: yellow; padding: 5px; text-align: center;"> 108 Hs Hassium </div> <div style="background-color: yellow; padding: 5px; text-align: center;"> 109 Mt Meitnerium </div> <div style="background-color: yellow; padding: 5px; text-align: center;"> 110 Uun Ununnilium </div> <div style="background-color: yellow; padding: 5px; text-align: center;"> 111 Uuu Unununium </div> <div style="background-color: lightblue; padding: 5px; text-align: center;"> 112 Uub Ununbium </div> <div style="background-color: lightblue; padding: 5px; text-align: center;"> 114 Uuq Ununquadium </div> <div style="background-color: yellow; padding: 5px; text-align: center;"> 116 Uuh Ununhexium </div> </div>					
										<div style="display: flex; justify-content: space-between;"> <div style="background-color: white; padding: 5px; text-align: center;"> 57 La Lanthanum </div> <div style="background-color: white; padding: 5px; text-align: center;"> 58 Ce Cerium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 59 Pr Praseodymium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 60 Nd Neodymium </div> <div style="background-color: yellow; padding: 5px; text-align: center;"> 61 Pm Promethium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 62 Sm Samarium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 63 Eu Europium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 64 Gd Gadolinium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 65 Tb Terbium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 66 Dy Dysprosium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 67 Ho Holmium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 68 Er Erbium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 69 Tm Thulium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 70 Yb Ytterbium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 71 Lu Lutetium </div> </div>						
										<div style="display: flex; justify-content: space-between;"> <div style="background-color: white; padding: 5px; text-align: center;"> 89 Ac Actinium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 90 Th Thorium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 91 Pa Protactinium </div> <div style="background-color: white; padding: 5px; text-align: center;"> 92 U Uranium </div> <div style="background-color: yellow; padding: 5px; text-align: center;"> 93 Np Neptunium </div> <div style="background-color: yellow; padding: 5px; text-align: center;"> 94 Pu Plutonium </div> <div style="background-color: yellow; padding: 5px; text-align: center;"> 95 Am Americium </div> <div style="background-color: yellow; padding: 5px; text-align: center;"> 96 Cm Curium </div> <div style="background-color: yellow; padding: 5px; text-align: center;"> 97 Bk Berkelium </div> <div style="background-color: yellow; padding: 5px; text-align: center;"> 98 Cf Californium </div> <div style="background-color: yellow; padding: 5px; text-align: center;"> 99 Es Einsteinium </div> <div style="background-color: yellow; padding: 5px; text-align: center;"> 100 Fm Fermium </div> <div style="background-color: yellow; padding: 5px; text-align: center;"> 101 Md Mendelevium </div> <div style="background-color: yellow; padding: 5px; text-align: center;"> 102 No Nobelium </div> <div style="background-color: yellow; padding: 5px; text-align: center;"> 103 Lr Lawrencium </div> </div>						

Atomic Number → **58**

Symbol → **Ce**

Name → Cerium

Lanthanides

Actinides