

# Periodic Table of the Elements

Atomic number — 14  
 Symbol — **Si**  
 Atomic mass — 28.086  
 Name — Silicon

1	<b>Group 1 IA</b>												<b>Group 13 IIIA</b>					<b>Group 14 IVA</b>	<b>Group 15 VA</b>	<b>Group 16 VIA</b>	<b>Group 17 VIIA</b>	<b>Group 18 VIIIA</b>
1	<b>H</b> 1.008 Hydrogen																				<b>He</b> 4.0026 Helium	
2	<b>Li</b> 6.941 Lithium	<b>Be</b> 9.012 Beryllium											<b>B</b> 10.81 Boron	<b>C</b> 12.011 Carbon	<b>N</b> 14.007 Nitrogen	<b>O</b> 15.999 Oxygen	<b>F</b> 18.998 Fluorine	<b>Ne</b> 20.179 Neon				
3	<b>Na</b> 22.990 Sodium	<b>Mg</b> 24.305 Magnesium	<b>3 IIB</b>	<b>4 IVB</b>	<b>5 VB</b>	<b>6 VIB</b>	<b>7 VIIB</b>	<b>8 VIII</b>			<b>11 IB</b>	<b>12 IIB</b>	<b>13 Al</b> 26.982 Aluminum	<b>14 Si</b> 28.086 Silicon	<b>15 P</b> 30.974 Phosphorus	<b>16 S</b> 32.066 Sulfur	<b>17 Cl</b> 35.453 Chlorine	<b>18 Ar</b> 39.948 Argon				
4	<b>K</b> 39.098 Potassium	<b>Ca</b> 40.08 Calcium	<b>Sc</b> 44.956 Scandium	<b>Ti</b> 47.88 Titanium	<b>V</b> 50.942 Vanadium	<b>Cr</b> 51.996 Chromium	<b>Mn</b> 54.938 Manganese	<b>Fe</b> 55.847 Iron	<b>Co</b> 58.933 Cobalt	<b>Ni</b> 58.69 Nickel	<b>Cu</b> 63.546 Copper	<b>Zn</b> 65.39 Zinc	<b>Ga</b> 69.72 Gallium	<b>Ge</b> 72.61 Germanium	<b>As</b> 74.922 Arsenic	<b>Se</b> 78.96 Selenium	<b>Br</b> 79.904 Bromine	<b>Kr</b> 83.80 Krypton				
5	<b>Rb</b> 85.468 Rubidium	<b>Sr</b> 87.62 Strontium	<b>Y</b> 88.906 Yttrium	<b>Zr</b> 91.224 Zirconium	<b>Nb</b> 92.906 Niobium	<b>Mo</b> 95.94 Molybdenum	<b>Tc</b> (98) Technetium	<b>Ru</b> 101.07 Ruthenium	<b>Rh</b> 102.906 Rhodium	<b>Pd</b> 106.42 Palladium	<b>Ag</b> 107.868 Silver	<b>Cd</b> 112.41 Cadmium	<b>In</b> 114.82 Indium	<b>Sn</b> 118.71 Tin	<b>Sb</b> 121.763 Antimony	<b>Te</b> 127.60 Tellurium	<b>I</b> 126.904 Iodine	<b>Xe</b> 131.29 Xenon				
6	<b>Cs</b> 132.905 Cesium	<b>Ba</b> 137.33 Barium	<b>La</b> 138.906 Lanthanum	<b>Hf</b> 178.49 Hafnium	<b>Ta</b> 180.948 Tantalum	<b>W</b> 183.84 Tungsten	<b>Re</b> 186.207 Rhenium	<b>Os</b> 190.23 Osmium	<b>Ir</b> 192.22 Iridium	<b>Pt</b> 195.08 Platinum	<b>Au</b> 196.967 Gold	<b>Hg</b> 200.59 Mercury	<b>Tl</b> 204.383 Thallium	<b>Pb</b> 207.2 Lead	<b>Bi</b> 208.980 Bismuth	<b>Po</b> (209) Polonium	<b>At</b> (210) Astatine	<b>Rn</b> (222) Radon				
7	<b>Fr</b> (223) Francium	<b>Ra</b> 226.025 Radium	<b>Ac</b> 227.028 Actinium	<b>Rf</b> (261) Rutherfordium	<b>Db</b> (262) Dubnium	<b>Sg</b> (263) Seaborgium	<b>Bh</b> (262) Bohrium	<b>Hs</b> (265) Hassium	<b>Mt</b> (266) Meitnerium	Mass numbers in parentheses are those of the most stable or most common isotope.												

Lanthanide Series

Actinide Series

<b>58 Ce</b> 140.12 Cerium	<b>59 Pr</b> 140.908 Praseodymium	<b>60 Nd</b> 144.24 Neodymium	<b>61 Pm</b> (145) Promethium	<b>62 Sm</b> 150.36 Samarium	<b>63 Eu</b> 151.97 Europium	<b>64 Gd</b> 157.25 Gadolinium	<b>65 Tb</b> 158.925 Terbium	<b>66 Dy</b> 162.50 Dysprosium	<b>67 Ho</b> 164.930 Holmium	<b>68 Er</b> 167.26 Erbium	<b>69 Tm</b> 168.934 Thulium	<b>70 Yb</b> 173.04 Ytterbium	<b>71 Lu</b> 174.967 Lutetium
<b>90 Th</b> 232.038 Thorium	<b>91 Pa</b> 231.036 Protactinium	<b>92 U</b> 238.029 Uranium	<b>93 Np</b> 237.048 Neptunium	<b>94 Pu</b> (244) Plutonium	<b>95 Am</b> (243) Americium	<b>96 Cm</b> (247) Curium	<b>97 Bk</b> (247) Berkelium	<b>98 Cf</b> (251) Californium	<b>99 Es</b> (252) Einsteinium	<b>100 Fm</b> (257) Fermium	<b>101 Md</b> (258) Mendelevium	<b>102 No</b> (259) Nobelium	<b>103 Lr</b> (262) Lawrencium