

# Periodic Table of the Elements

Atomic mass — 28.0855  
 Symbol — **Si**  
 Atomic number — 14  
 Name — Silicon

		<b>Transition Elements</b>																	
Period	1	1.00794 <b>H</b> 1 Hydrogen											4.00260 <b>He</b> 2 Helium						
	2	6.941 <b>Li</b> 3 Lithium	9.01218 <b>Be</b> 4 Beryllium											10.81 <b>B</b> 5 Boron	12.0111 <b>C</b> 6 Carbon	14.0067 <b>N</b> 7 Nitrogen	15.9994 <b>O</b> 8 Oxygen	18.998403 <b>F</b> 9 Fluorine	20.179 <b>Ne</b> 10 Neon
	3	22.98977 <b>Na</b> 11 Sodium	24.305 <b>Mg</b> 12 Magnesium											26.98154 <b>Al</b> 13 Aluminum	28.0855 <b>Si</b> 14 Silicon	30.97376 <b>P</b> 15 Phosphorus	32.06 <b>S</b> 16 Sulfur	35.453 <b>Cl</b> 17 Chlorine	39.948 <b>Ar</b> 18 Argon
	4	39.0983 <b>K</b> 19 Potassium	40.08 <b>Ca</b> 20 Calcium	44.9559 <b>Sc</b> 21 Scandium	47.88 <b>Ti</b> 22 Titanium	50.9415 <b>V</b> 23 Vanadium	51.996 <b>Cr</b> 24 Chromium	54.9380 <b>Mn</b> 25 Manganese	55.847 <b>Fe</b> 26 Iron	58.9332 <b>Co</b> 27 Cobalt	58.69 <b>Ni</b> 28 Nickel	63.546 <b>Cu</b> 29 Copper	65.39 <b>Zn</b> 30 Zinc	69.72 <b>Ga</b> 31 Gallium	72.59 <b>Ge</b> 32 Germanium	74.9216 <b>As</b> 33 Arsenic	78.96 <b>Se</b> 34 Selenium	79.904 <b>Br</b> 35 Bromine	83.80 <b>Kr</b> 36 Krypton
	5	85.4678 <b>Rb</b> 37 Rubidium	87.62 <b>Sr</b> 38 Strontium	88.9059 <b>Y</b> 39 Yttrium	91.224 <b>Zr</b> 40 Zirconium	92.9064 <b>Nb</b> 41 Niobium	95.94 <b>Mo</b> 42 Molybdenum	(98) <b>Tc</b> 43 Technetium	101.07 <b>Ru</b> 44 Ruthenium	102.906 <b>Rh</b> 45 Rhodium	106.42 <b>Pd</b> 46 Palladium	107.868 <b>Ag</b> 47 Silver	112.41 <b>Cd</b> 48 Cadmium	114.82 <b>In</b> 49 Indium	118.71 <b>Sn</b> 50 Tin	121.75 <b>Sb</b> 51 Antimony	127.60 <b>Te</b> 52 Tellurium	126.905 <b>I</b> 53 Iodine	131.29 <b>Xe</b> 54 Xenon
	6	132.905 <b>Cs</b> 55 Cesium	137.33 <b>Ba</b> 56 Barium	138.906 <b>La</b> 57 Lanthanum	178.49 <b>Hf</b> 72 Hafnium	180.948 <b>Ta</b> 73 Tantalum	183.85 <b>W</b> 74 Tungsten	186.207 <b>Re</b> 75 Rhenium	190.2 <b>Os</b> 76 Osmium	192.22 <b>Ir</b> 77 Iridium	195.08 <b>Pt</b> 78 Platinum	196.967 <b>Au</b> 79 Gold	200.59 <b>Hg</b> 80 Mercury	204.383 <b>Tl</b> 81 Thallium	207.2 <b>Pb</b> 82 Lead	208.980 <b>Bi</b> 83 Bismuth	(209) <b>Po</b> 84 Polonium	(210) <b>At</b> 85 Astatine	(222) <b>Rn</b> 86 Radon
	7	(223) <b>Fr</b> 87 Francium	226.025 <b>Ra</b> 88 Radium	227.028 <b>Ac</b> 89 Actinium	(261) <b>Rf</b> 104 Rutherfordium	(262) <b>Db</b> 105 Dubnium	(263) <b>Sg</b> 106 Seaborgium	(262) <b>Bh</b> 107 Bohrium	(265) <b>Hs</b> 108 Hassium	(266?) <b>Mt</b> 109 Meitnerium	(269?) 110	Mass numbers in parentheses are those of the most stable or most common isotope.							
		<b>Lanthanoid Series</b>										<b>Metals</b> ← → <b>Nonmetals</b>							
		<b>Actinoid Series</b>																	
		140.12 <b>Ce</b> 58 Cerium	140.908 <b>Pr</b> 59 Praseodymium	144.24 <b>Nd</b> 60 Neodymium	(145) <b>Pm</b> 61 Promethium	150.36 <b>Sm</b> 62 Samarium	151.96 <b>Eu</b> 63 Europium	157.25 <b>Gd</b> 64 Gadolinium	158.925 <b>Tb</b> 65 Terbium	162.50 <b>Dy</b> 66 Dysprosium	164.930 <b>Ho</b> 67 Holmium	167.26 <b>Er</b> 68 Erbium	168.934 <b>Tm</b> 69 Thulium	173.04 <b>Yb</b> 70 Ytterbium	174.967 <b>Lu</b> 71 Lutetium				
		232.038 <b>Th</b> 90 Thorium	231.036 <b>Pa</b> 91 Protactinium	238.029 <b>U</b> 92 Uranium	237.048 <b>Np</b> 93 Neptunium	(244) <b>Pu</b> 94 Plutonium	(247) <b>Am</b> 95 Americium	(247) <b>Cm</b> 96 Curium	(247) <b>Bk</b> 97 Berkelium	(251) <b>Cf</b> 98 Californium	(252) <b>Es</b> 99 Einsteinium	(257) <b>Fm</b> 100 Fermium	(258) <b>Md</b> 101 Mendelevium	(259) <b>No</b> 102 Nobelium	(260) <b>Lr</b> 103 Lawrencium				