



CHEM 1300/1310

Periodic Table of the Elements

1 1.01 H Hydrogen	2 4.00 He Helium	3 6.94 Li Lithium	4 9.01 Be Beryllium	5 10.81 B Boron	6 12.01 C Carbon	7 14.01 N Nitrogen	8 16.00 O Oxygen	9 18.99 F Fluorine	10 20.18 Ne Neon
11 22.99 Na Sodium	12 24.31 Mg Magnesium	13 26.98 Al Aluminum	14 28.09 Si Silicon	15 30.97 P Phosphorus	16 32.07 S Sulfur	17 35.45 Cl Chlorine	18 39.95 Ar Argon	19 39.10 K Potassium	20 40.08 Ca Calcium
21 44.96 Sc Scandium	22 47.88 Ti Titanium	23 50.94 V Vanadium	24 51.99 Cr Chromium	25 54.94 Mn Manganese	26 55.85 Fe Iron	27 58.93 Co Cobalt	28 58.71 Ni Nickel	29 63.55 Cu Copper	30 65.37 Zn Zinc
37 85.47 Rb Rubidium	38 87.62 Sr Strontium	39 89.90 Y Yttrium	40 91.22 Zr Zirconium	41 92.91 Nb Niobium	42 95.94 Mo Molybdenum	43 98.91 Tc Technetium	44 101.07 Ru Ruthenium	45 101.07 Rh Rhodium	46 106.42 Pd Palladium
55 132.91 Cs Cesium	56 137.33 Ba Barium	57 138.91 La Lanthanum	72 178.49 Hf Hafnium	73 180.95 Ta Tantalum	74 182.05 W Tungsten	75 186.21 Re Rhenium	76 186.21 Os Osmium	77 186.21 Ir Iridium	78 186.21 Pt Platinum
87 223.02 Fr Francium	88 226.03 Ra Radium	89 227.03 Ac Actinium	104 261.10 Rf Rutherfordium	105 261.10 Hs Hassium	106 261.10 Sg Seaborgium	107 261.10 Bh Bohrium	108 261.10 Hs Hassium	109 261.10 Mt Meitnerium	110 261.10 Ds Darmstadtium
90 232.04 Th Thorium	91 231.04 Pa Protactinium	92 231.04 U Uranium	93 231.04 Np Neptunium	94 231.04 Pu Plutonium	95 231.04 Am Americium	96 231.04 Cm Curium	97 231.04 Bk Berkelium	98 231.04 Cf Californium	99 231.04 Es Einsteinium
98 251.08 Ce Cerium	99 251.08 Pr Praseodymium	100 251.08 Nd Neodymium	101 251.08 Pm Promethium	102 251.08 Sm Samarium	103 251.08 Eu Europium	104 251.08 Gd Gadolinium	105 251.08 Tb Terbium	106 251.08 Dy Dysprosium	107 251.08 Ho Holmium
102 260.10 Th Thorium	103 260.10 Pa Protactinium	104 260.10 U Uranium	105 260.10 Np Neptunium	106 260.10 Pu Plutonium	107 260.10 Am Americium	108 260.10 Cm Curium	109 260.10 Bk Berkelium	110 260.10 Cf Californium	111 260.10 Es Einsteinium
118 289.10 Rn Radon	119 289.10 Fr Francium	120 289.10 Ra Radium	121 289.10 Ac Actinium	122 289.10 Th Thorium	123 289.10 Pa Protactinium	124 289.10 U Uranium	125 289.10 Np Neptunium	126 289.10 Pu Plutonium	127 289.10 Am Americium

atomic number: 14
atomic weight: 28.09
symbol: Si
name: Silicon

black solid
blue liquid
red gas
written synthetically
never added to nature

alkali metals
alkaline earth metals
transitional metals
other metals
nonmetals
noble gases



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