

# Periodic Table of the Elements

Group																	
1	2																
<b>H</b> Hydrogen 1.00	<b>He</b> Helium 4.00																
3	4																
<b>Li</b> Lithium 6.94	<b>Be</b> Beryllium 9.01																
11	12																
<b>Na</b> Sodium 22.99	<b>Mg</b> Magnesium 24.30																
19	20																
<b>K</b> Potassium 39.09	<b>Ca</b> Calcium 40.07																
37	38																
<b>Rb</b> Rubidium 85.46	<b>Sr</b> Strontium 87.62																
55	56																
<b>Cs</b> Cesium 132.91	<b>Ba</b> Barium 137.33																
87	88																
<b>Fr</b> Francium (223)	<b>Ra</b> Radium (226)																
21	22																
<b>Sc</b> Scandium 44.95	<b>Ti</b> Titanium 47.86																
39	40																
<b>Y</b> Yttrium 88.90	<b>Zr</b> Zirconium 91.22																
57	72																
<b>La</b> Lanthanum 138.91	<b>Hf</b> Hafnium 178.49																
89	104																
<b>Ac</b> Actinium (227)	<b>Rf</b> Rutherfordium (261)																
23	24																
<b>V</b> Vanadium 50.94	<b>Cr</b> Chromium 51.99																
41	42																
<b>Nb</b> Niobium 92.90	<b>Mo</b> Molybdenum 95.94																
73	74																
<b>Ta</b> Tantalum 180.95	<b>W</b> Tungsten 183.84																
105	106																
<b>Db</b> Dubnium (262)	<b>Sg</b> Seaborgium (263)																
109	110																
<b>Mt</b> Meitnerium (268)	<b>Uun</b> Ununium (281)																
107	108																
<b>Bh</b> Bohrium (264)	<b>Hs</b> Hassium (265)																
109	110																
<b>Mt</b> Meitnerium (268)	<b>Uun</b> Ununium (281)																
75	76																
<b>Re</b> Rhenium 186.21	<b>Os</b> Osmium 190.23																
107	108																
<b>Bh</b> Bohrium (264)	<b>Hs</b> Hassium (265)																
77	78																
<b>Ir</b> Iridium 192.22	<b>Pt</b> Platinum 195.08																
109	110																
<b>Mt</b> Meitnerium (268)	<b>Uun</b> Ununium (281)																
43	44																
<b>Tc</b> Technetium (98)	<b>Ru</b> Ruthenium 101.07																
75	76																
<b>Re</b> Rhenium 186.21	<b>Os</b> Osmium 190.23																
107	108																
<b>Bh</b> Bohrium (264)	<b>Hs</b> Hassium (265)																
45	46																
<b>Rh</b> Rhodium 102.91	<b>Pd</b> Palladium 106.42																
77	78																
<b>Ir</b> Iridium 192.22	<b>Pt</b> Platinum 195.08																
109	110																
<b>Mt</b> Meitnerium (268)	<b>Uun</b> Ununium (281)																
25	26																
<b>Mn</b> Manganese 54.93	<b>Fe</b> Iron 55.84																
43	44																
<b>Tc</b> Technetium (98)	<b>Ru</b> Ruthenium 101.07																
75	76																
<b>Re</b> Rhenium 186.21	<b>Os</b> Osmium 190.23																
107	108																
<b>Bh</b> Bohrium (264)	<b>Hs</b> Hassium (265)																
27	28																
<b>Co</b> Cobalt 58.93	<b>Ni</b> Nickel 58.69																
45	46																
<b>Rh</b> Rhodium 102.91	<b>Pd</b> Palladium 106.42																
77	78																
<b>Ir</b> Iridium 192.22	<b>Pt</b> Platinum 195.08																
109	110																
<b>Mt</b> Meitnerium (268)	<b>Uun</b> Ununium (281)																
29	30																
<b>Cu</b> Copper 63.54	<b>Zn</b> Zinc 65.39																
47	48																
<b>Ag</b> Silver 107.87	<b>Cd</b> Cadmium 112.41																
79	80																
<b>Au</b> Gold 196.97	<b>Hg</b> Mercury 200.59																
111	112																
<b>Uuu</b> Ununium (272)	<b>Uub</b> Unubium (285)																
110	111																
<b>Uun</b> Ununium (281)	<b>Uuu</b> Ununium (272)																
81	82																
<b>Tl</b> Thallium 204.38	<b>Pb</b> Lead 207.20																
113	114																
<b>Uut</b> Ununtrium (282)	<b>Uuq</b> Ununquadium (289)																
83	84																
<b>Bi</b> Bismuth 208.98	<b>Po</b> Polonium (209)																
115	116																
<b>Uup</b> Ununpentium (289)	<b>Uuh</b> Ununhexium (289)																
51	52																
<b>Sb</b> Antimony 121.76	<b>Te</b> Tellurium 127.60																
83	84																
<b>Bi</b> Bismuth 208.98	<b>Po</b> Polonium (209)																
115	116																
<b>Uup</b> Ununpentium (289)	<b>Uuh</b> Ununhexium (289)																
53	54																
<b>I</b> Iodine 126.90	<b>Xe</b> Xenon 131.29																
85	86																
<b>At</b> Astatine (210)	<b>Rn</b> Radon (222)																
117	118																
<b>Uus</b> Ununseptium (289)	<b>Uuo</b> Ununoctium (292)																
69	70																
<b>Tm</b> Thulium 168.93	<b>Yb</b> Ytterbium 173.04																
101	102																
<b>Md</b> Mendelevium (258)	<b>No</b> Nobelium (259)																
67	68																
<b>Ho</b> Holmium 164.93	<b>Er</b> Erbium 167.26																
99	100																
<b>Es</b> Einsteinium (252)	<b>Fm</b> Fermium (257)																
65	66																
<b>Tb</b> Terbium 158.93	<b>Dy</b> Dysprosium 162.50																
97	98																
<b>Bk</b> Berkelium (247)	<b>Cf</b> Californium (251)																
63	64																
<b>Eu</b> Europium 151.96	<b>Gd</b> Gadolinium 157.25																
95	96																
<b>Am</b> Americium (243)	<b>Cm</b> Curium (247)																
61	62																
<b>Pm</b> Promethium (145)	<b>Sm</b> Samarium 150.36																
93	94																
<b>Np</b> Neptunium (237)	<b>Pu</b> Plutonium (244)																
59	60																
<b>Pr</b> Praseodymium 140.91	<b>Nd</b> Neodymium 144.24																
91	92																
<b>Pa</b> Protactinium 231.04	<b>U</b> Uranium 238.03																
58	59																
<b>Ce</b> Cerium 140.12	<b>Pr</b> Praseodymium 140.91																
90	91																
<b>Th</b> Thorium 232.04	<b>Pa</b> Protactinium 231.04																
71	72																
<b>Lu</b> Lutetium 174.97	<b>Lr</b> Lawrencium (262)																

Period