Periodic Table of the Elements

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1 IA	2 IIA	3 IIIB	4 IVB	5 VB	6 VIB	7 VIIB	8	9 VIIIB	10	11 IB	12 IB	13 IIIA	14 IVA	15 VA	16 VIA	17 VIIA	18 VIII
1.0079 **1** +/-1 **H** Hydrogen																	4.0026 **2** -- **He** Helium
6.941 **3** 1 **Li** Lithium	9.0122 **4** 2 **Be** Beryllium											10.811 **5** 3 **B** Boron	12.0107 **6** 2,+/-4 **C** Carbon	14.0067 **7** 2,+/-3,4,5 **N** Nitrogen	15.9994 **8** -2 **O** Oxygen	18.9984 **9** -1 **F** Fluorine	20.1797 **10** -- **Ne** Neon
22.9897 **11** 1 **Na** Sodium	24.305 **12** 2 **Mg** Magnesium											26.9815 **13** 3 **Al** Aluminum	28.0855 **14** 4 **Si** Silicon	30.9738 **15** +/-3,4,5 **P** Phosphorus	32.065 **16** +/-2,4,6 **S** Sulfur	35.453 **17** +/-1,3,5,7 **Cl** Chlorine	39.948 **18** -- **Ar** Argon
39.0983 **19** 1 **K** Potassium	40.078 **20** 2 **Ca** Calcium	44.9559 **21** 3 **Sc** Scandium	47.867 **22** 2,4 **Ti** Titanium	50.9415 **23** 2,3,4,5 **V** Vanadium	51.9961 **24** 2,3,6 **Cr** Chromium	54.938 **25** 2,3,4,6,7 **Mn** Manganese	55.845 **26** 2,3 **Fe** Iron	58.9332 **27** 2,3 **Co** Cobalt	58.6934 **28** 2,3 **Ni** Nickel	63.546 **29** 1,2 **Cu** Copper	65.39 **30** 2 **Zn** Zinc	69.723 **31** 3 **Ga** Gallium	72.64 **32** 4 **Ge** Germanium	74.9216 **33** +/-3,5 **As** Arsenic	78.96 **34** -2,4,5 **Se** Selenium	79.904 **35** +/-1,5 **Br** Bromine	83.8 **36** -- **Kr** Krypton
85.4678 **37** 1 **Rb** Rubidium	87.62 **38** 2 **Sr** Strontium	88.9059 **39** 3 **Y** Yttrium	91.224 **40** 4 **Zr** Zirconium	92.9064 **41** 3,5 **Nb** Niobium	95.94 **42** 2,3,4,5,6 **Mo** Molybdenum	(98) **43** 7 **Tc** Technetium	101.07 **44** 2,3,4,6,8 **Ru** Ruthenium	102.9055 **45** 2,3,4 **Rh** Rhodium	106.42 **46** 2,4 **Pd** Palladium	107.8682 **47** 1 **Ag** Silver	112.411 **48** 2 **Cd** Cadmium	114.818 **49** 3 **In** Indium	118.71 **50** 2,4 **Sn** Tin	121.76 **51** +/-3,5 **Sb** Antimony	127.6 **52** -2,4,5 **Te** Tellurium	126.9045 **53** +/-1,5,7 **I** Iodine	131.293 **54** -- **Xe** Xenon
132.9055 **55** 1 **Cs** Cesium	137.327 **56** 2 **Ba** Barium	138.9055 **57** 3 **La** Lanthanum	178.49 **72** 4 **Hf** Hafnium	180.9479 **73** 5 **Ta** Tantalum	183.84 **74** 2,3,4,5,6 **W** Tungsten	186.207 **75** -1+2,4,6,7 **Re** Rhenium	190.23 **76** 2,3,4,6,8 **Os** Osmium	192.217 **77** 2,3,4,5 **Ir** Iridium	195.078 **78** 2,4 **Pt** Platinum	196.9665 **79** 1,3 **Au** Gold	200.59 **80** 1,2 **Hg** Mercury	204.3833 **81** 1,3 **Tl** Thallium	207.2 **82** 2,4 **Pb** Lead	208.9804 **83** 3,5 **Bi** Bismuth	(209) **84** 2,4 **Po** Polonium	(210) **85** +/-1,3,5,7 **At** Astatine	(222) **86** -- **Rn** Radon
(223) **87** 1 **Fr** Francium	(226) **88** 2 **Ra** Radium	(227) **89** 3 **Ac** Actinium	(261) **104** 4 **Rf** Rutherfordium	(262) **105** 2,3,4 **Db** Dubnium	(266) **106** -1,+6 **Sg** Seaborgium	(264) **107** --- **Bh** Bohrium	(277) **108** --- **Hs** Hassium	(280) **109** --- **Mt** Meitnerium	(282) **110** --- **Ds** Darmstadtium	(284) **111** --- **Rg** Roentgenium	(288) **112** --- **Cn** Copernicium	(293) **113** --- **Uut** Ununtrium	(298) **114** --- **Uuq** Ununquadium	(299) **115** --- **Uup** Ununpentium	(302) **116** --- **Uuh** Ununhexium	(310) **117** --- **Uus** Ununseptium	(314) **118** --- **Uuo** Ununoctium

Atomic Weight (amu) — Atomic Number — Oxidation States — Atomic Symbol — Element Name

Example: 12.0107 **6** 2 **C** **Carbon**

***Lanthanide Series**	140.116 **58** 4 **Ce** Cerium	140.9077 **59** 5 **Pr** Praseodymium	144.24 **60** 3 **Nd** Neodymium	(145) **61** 3 **Pm** Promethium	150.36 **62** 2,3 **Sm** Samarium	151.964 **63** 2,3 **Eu** Europium	157.25 **64** 3 **Gd** Gadolinium	158.9253 **65** 3,4 **Tb** Terbium	162.5 **66** 3 **Dy** Dysprosium	164.9303 **67** 3 **Ho** Holmium	167.259 **68** 3 **Er** Erbium	168.9342 **69** 2,3 **Tm** Thulium	173.04 **70** 2,3 **Yb** Ytterbium	174.967 **71** 3 **Lu** Lutetium
****Actinide Series**	232.0381 **90** 4 **Th** Thorium	231.0359 **91** 4,5 **Pa** Protactinium	238.0289 **92** 3,4,5,6 **U** Uranium	(237) **93** 3,4,5,6 **Np** Neptunium	(244) **94** 3,4,5,6 **Pu** Plutonium	(243) **95** 3,4,5,6 **Am** Americium	(247) **96** 3 **Cm** Curium	(247) **97** 3,4 **Bk** Berkelium	(251) **98** 3 **Cf** Californium	(252) **99** 3 **Es** Einsteinium	(257) **100** 3 **Fm** Fermium	(258) **101** 2,3 **Md** Mendelevium	(259) **102** 2,3 **No** Nobelium	(262) **103** 3 **Lr** Lawrencium

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