

[illegible]

Periodic Table of the Elements page 2

										Group 18							
										2	4.002602 0 He 1s ² Helium						
			Group 13		Group 14		Group 15		Group 16		Group 17						
			5	10.811 3 B [He]2s ² 2p ¹ Boron	6	12.0107 ±4,2 C [He]2s ² 2p ² Carbon	7	14.0067 ±3,5,4,2 N [He]2s ² 2p ³ Nitrogen	8	15.9994 -2 O [He]2s ² 2p ⁴ Oxygen	9	18.9984032 -1 F [He]2s ² 2p ⁵ Fluorine	10	20.1797 Ne [He]2s ² 2p ⁶ Neon			
			13	26.981538 3 Al [Ne]3s ² 3p ¹ Aluminum	14	28.0855 4,2 Si [Ne]3s ² 3p ² Silicon	15	30.973761 ±3,5,4 P [Ne]3s ² 3p ³ Phosphorus	16	32.065 ±2,4,6 S [Ne]3s ² 3p ⁴ Sulfur	17	35.453 ±1,3,5,7 Cl [Ne]3s ² 3p ⁵ Chlorine	18	39.948 Ar [Ne]3s ² 3p ⁶ Argon			
Group 10		Group 11		Group 12													
28	58.6934 2,3 Ni [Ar]3d ⁸ 4s ² Nickel	29	63.546 2,1 Cu [Ar]3d ¹⁰ 4s ¹ Copper	30	65.409 2 Zn [Ar]3d ¹⁰ 4s ² Zinc	31	69.723 3 Ga [Ar]3d ¹⁰ 4s ² 4p ¹ Gallium	32	72.64 4 Ge [Ar]3d ¹⁰ 4s ² 4p ² Germanium	33	74.9216 ±3,5 As [Ar]3d ¹⁰ 4s ² 4p ³ Arsenic	34	78.96 -2,4,6 Se [Ar]3d ¹⁰ 4s ² 4p ⁴ Selenium	35	79.904 ±1,5,7 Br [Ar]3d ¹⁰ 4s ² 4p ⁵ Bromine	36	83.798 0,2 Kr [Ar]3d ¹⁰ 4s ² 4p ⁶ Krypton
46	106.42 2,4 Pd [Kr]4d ¹⁰ 5s ⁰ Palladium	47	107.8682 1 Ag [Kr]4d ¹⁰ 5s ¹ Silver	48	112.411 2 Cd [Kr]4d ¹⁰ 5s ² Cadmium	49	114.818 3 In [Kr]4d ¹⁰ 5s ² 5p ¹ Indium	50	118.71 4,2 Sn [Kr]4d ¹⁰ 5s ² 5p ² Tin	51	121.76 ±3,5 Sb [Kr]4d ¹⁰ 5s ² 5p ³ Antimony	52	127.6 -2,4,6 Te [Kr]4d ¹⁰ 5s ² 5p ⁴ Tellurium	53	126.90447 ±1,5,7 I [Kr]4d ¹⁰ 5s ² 5p ⁵ Iodine	54	131.293 0,2,4,6 Xe [Kr]4d ¹⁰ 5s ² 5p ⁶ Xenon
78	195.078 2,4 Pt [Xe]4f ¹⁴ 5d ⁹ 6s ¹ Platinum	79	196.96655 3,1 Au [Xe]4f ¹⁴ 5d ¹⁰ 6s ¹ Gold	80	200.59 2,1 Hg [Xe]4f ¹⁴ 5d ¹⁰ 6s ² Mercury	81	204.3833 3,1 Tl [Xe]4f ¹⁴ 5d ¹⁰ 6s ² 6p ¹ Thallium	82	207.2 4,2 Pb [Xe]4f ¹⁴ 5d ¹⁰ 6s ² 6p ² Lead	83	208.98038 3,5 Bi [Xe]4f ¹⁴ 5d ¹⁰ 6s ² 6p ³ Bismuth	84	(209) 4,2,6 Po [Xe]4f ¹⁴ 5d ¹⁰ 6s ² 6p ⁴ Polonium	85	(210) ±1,3,5,7 At [Xe]4f ¹⁴ 5d ¹⁰ 6s ² 6p ⁵ Astatine	86	(222) 0,2 Rn [Xe]4f ¹⁴ 5d ¹⁰ 6s ² 6p ⁶ Radon
110 (281)	Ds [Rn]5f ¹⁴ 6d ⁹ 7s ¹ Darmstadtium	111 (272)	Uuu [Rn]5f ¹⁴ 6d ¹⁰ 7s ¹ Unununium	112 (277)	Uub [Rn]5f ¹⁴ 6d ¹⁰ 7s ² Ununbium			114 (289)	Uuq [Rn]5f ¹⁴ 6d ¹⁰ 7s ² 7p ² Ununquadium								
63	151.964 3,2 Eu [Xe]4f ⁷ 6s ² Europium	64	157.25 3 Gd [Xe]4f ⁷ 5d ¹ 6s ² Gadolinium	65	158.92534 3,4 Tb [Xe]4f ⁹ 6s ² Terbium	66	162.5 3 Dy [Xe]4f ¹⁰ 6s ² Dysprosium	67	164.93032 3 Ho [Xe]4f ¹¹ 6s ² Holmium	68	167.259 3 Er [Xe]4f ¹² 6s ² Erbium	69	168.93421 3,2 Tm [Xe]4f ¹³ 6s ² Thulium	70	173.04 3,2 Yb [Xe]4f ¹⁴ 6s ² Ytterbium	71	174.967 3 Lu [Xe]4f ¹⁴ 5d ¹ 6s ² Lutetium
95	(243) 6,5,4,3 Am [Rn]5f ⁷ 7s ² Americium	96 (247) 3 Cm [Rn]5f ⁷ 6d ¹ 7s ² Curium	97 (247) 4,3 Bk [Rn]5f ⁹ 7s ² Berkelium	98 (251) Cf [Rn]5f ¹⁰ 7s ² Californium	99 (252) 3 Es [Rn]5f ¹¹ 7s ² Einsteinium	100 (257) 3 Fm [Rn]5f ¹² 7s ² Fermium	101 (258) 3 Md [Rn]5f ¹³ 7s ² Mendelevium	102 (259) 2,3 No [Rn]5f ¹⁴ 7s ² Nobelium	103 (262) 3 Lr [Rn]5f ¹⁴ 6d ¹ 7s ² Lawrencium								