

CHEM 110

Elements that you must know, both names and symbols

	alkali metal	alkaline earth											chalcogen	halogen	noble gases			
	1A (1)															8A (18)		
1	H	2A (2)										3A (13)	4A (14)	5A (15)	6A (16)	7A (17)	He	
2	Li	Be	transition metals									B	C	N	O	F	Ne	
3	Na	Mg	3B (3)	4B (4)	5B (5)	6B (6)	7B (7)	8B (8)	9B (9)	10B (10)	11B (11)	12B (12)	Al	Si	P	S	Cl	Ar
4	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr
5	Rb	Sr								Pd	Ag	Cd		Sn			I	Xe
6	Cs	Ba								Pt	Au	Hg		Pb				Rn
7																		

Ag silver
 Al aluminum
 Ar argon
 As arsenic
 Au gold
 B boron
 Ba barium
 Be beryllium
 Br bromine
 C carbon
 Ca calcium
 Cd cadmium
 Cl chlorine
 Co cobalt
 Cr chromium
 Cs cesium
 Cu copper
 F fluorine
 Fe iron
 Ga gallium
 Ge germanium
 H hydrogen
 He helium
 Hg mercury
 I iodine
 K potassium

Kr krypton
 Li lithium
 Mg magnesium
 Mn manganese
 N nitrogen
 Na sodium
 Ne neon
 Ni nickel
 O oxygen
 P phosphorus
 Pb lead
 Pd palladium
 Pt platinum
 Rb rubidium
 Rn radon
 S sulfur
 Sc scandium
 Se selenium
 Si silicon
 Sn tin
 Sr strontium
 Ti titanium
 V vanadium
 Xe xenon
 Zn zinc