Common Polyatomic Ions							
+1		-1		-2		-3	
NH_4^+	ammonium	$C_2H_3O_2^-$	acetate	CO_3^{2-}	carbonate	PO_4^{3-}	phosphate
H_3O^+	hydronium	ClO^-	hypochlorite	CrO_4^{2-}	chromate	PO_3^{3-}	phosphite
		ClO_2^-	chlorite	$Cr_2O_7^{2-}$	dichromate		
		ClO_3^-	chlorate	SO_4^{2-}	sulfate		
		ClO_4^-	perchlorate	SO_3^{2-}	sulfite		
		CN^-	cyanide	O_2^{2-}	peroxide		
		NO_3^-	nitrate	$C_2O_4^{2-}$	oxalate		
		NO_2^-	nitrite				
		HCO_3^-	hydrogen carbonate (bicarbonate)				
		OH^-	hydroxide				
		MnO_4^-	permanganate				

Common Metal Ions		
Ion	**Systematic Name**	**Common Name**
Fe^{2+}	iron (II)	ferrous
Fe^{3+}	iron (III)	ferric
Cu^+	copper (I)	cuprous
Cu^{2+}	copper (II)	cupric
Pb^{2+}	lead (II)	plumbous
Pb^{4+}	lead (IV)	plumbic
Cr^{2+}	chromium (II)	chromous
Cr^{3+}	chromium (III)	chromic
Sn^{2+}	tin (II)	stannous
Sn^{4+}	tin (IV)	stannic
Co^{2+}	cobalt (II)	cobaltous
Co^{3+}	cobalt (III)	cobaltic
Hg_2^{2+}	mercury (I)	mercurous
Hg^{2+}	mercury (II)	mercuric

Prefixes Used in Naming Binary Molecular Compounds	
Prefix	**Number**
mono	1
di	2
tri	3
tetra	4
penta	5
hexa	6
hepta	7
octa	8
nona	9
deca	10

**** <u>ALWAYS</u>: Zn^{2+}, Ag^+, Cd^{2+} ****