

Common Polyatomic Ions							
+1		-1		-2		-3	
NH_4^+	ammonium	$\text{C}_2\text{H}_3\text{O}_2^-$	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	$\text{Cr}_2\text{O}_7^{2-}$	dichromate		
		ClO_3^-	chlorate	SO_4^{2-}	sulfate		
		ClO_4^-	perchlorate	SO_3^{2-}	sulfite		
		CN^-	cyanide	O_2^{2-}	peroxide		
		NO_3^-	nitrate	$\text{C}_2\text{O}_4^{2-}$	oxalate		
		NO_2^-	nitrite				
		HCO_3^-	hydrogen carbonate (bicarbonate)				
		OH^-	hydroxide				
		MnO_4^-	permanganate				

Common Metal Ions			Prefixes Used in Naming Binary Molecular Compounds	
Ion	Systematic Name	Common Name	Prefix	Number
Fe^{2+}	iron (II)	ferrous	mono	1
Fe^{3+}	iron (III)	ferric	di	2
Cu^+	copper (I)	cuprous	tri	3
Cu^{2+}	copper (II)	cupric	tetra	4
Pb^{2+}	lead (II)	plumbous	penta	5
Pb^{4+}	lead (IV)	plumbic	hexa	6
Cr^{2+}	chromium (II)	chromous	hepta	7
Cr^{3+}	chromium (III)	chromic	octa	8
Sn^{2+}	tin (II)	stannous	nona	9
Sn^{4+}	tin (IV)	stannic	deca	10
Co^{2+}	cobalt (II)	cobaltous		
Co^{3+}	cobalt (III)	cobaltic		
Hg_2^{2+}	mercury (I)	mercurous		
Hg^{2+}	mercury (II)	mercuric		

** ALWAYS: Zn^{2+} , Ag^+ , Cd^{2+} **