

Common Polyatomic Ions -- Memorize These!

+2	+1	-1	-2	-3
Hg_2^{2+} mercury(I)	H_3O^+ hydronium	OH^- hydroxide	O_2^{2-} peroxide	
	NH_4^+ ammonium	$\text{C}_2\text{H}_3\text{O}_2^-$ acetate	$\text{C}_2\text{O}_4^{2-}$ oxalate	
		N_3^- azide		
		CN^- cyanide		
		OCN^- cyanate		
		SCN^- thiocyanate		
		MnO_4^- permanganate	CrO_4^{2-} chromate	
		NO_3^- nitrate	$\text{Cr}_2\text{O}_7^{2-}$ dichromate	
		NO_2^- nitrite		
		H_2PO_4^- dihydrogen phosphate	HPO_4^{2-} hydrogen phosphate	PO_4^{3-} phosphate
		HCO_3^- hydrogen carbonate (or bicarbonate)	CO_3^{2-} carbonate	PO_3^{3-} phosphite
		HSO_4^- hydrogen sulfate (or bisulfate)	SO_4^{2-} sulfate	
		HSO_3^- hydrogen sulfite (or bisulfite)	SO_3^{2-} sulfite	
		ClO_4^- perchlorate	$\text{S}_2\text{O}_3^{2-}$ thiosulfate	
		ClO_3^- chlorate		
		ClO_2^- chlorite		
		ClO^- hypochlorite		