

**Know Your Ions****60 IONS TO MEMORIZE**

aluminum	$\text{Al}^{3+}$	carbonate	$\text{CO}_3^{2-}$
ammonium	$\text{NH}_4^+$	chlorate	$\text{ClO}_3^-$
barium	$\text{Ba}^{2+}$	chlorite	$\text{ClO}_2^-$
calcium	$\text{Ca}^{2+}$	chloride	$\text{Cl}^-$
cuprous	$\text{Cu}^+$	chromate	$\text{CrO}_4^{2-}$
cupric	$\text{Cu}^{2+}$	cyanide	$\text{CN}^-$
ferrous	$\text{Fe}^{2+}$	dichromate	$\text{Cr}_2\text{O}_7^{2-}$
ferric	$\text{Fe}^{3+}$	fluoride	$\text{F}^-$
hydrogen	$\text{H}^+$	hydroxide	$\text{OH}^-$
hydronium	$\text{H}_3\text{O}^+$	hypobromite	$\text{BrO}^-$
lead	$\text{Pb}^{2+}$	hypochlorite	$\text{ClO}^-$
lithium	$\text{Li}^+$	hypoiodite	$\text{IO}^-$
magnesium	$\text{Mg}^{2+}$	iodate	$\text{IO}_3^-$
manganese	$\text{Mn}^{2+}$	iodite	$\text{IO}_2^-$
mercurous	$\text{Hg}_2^{2+}$	iodide	$\text{I}^-$
mercuric	$\text{Hg}^{2+}$	nitrate	$\text{NO}_3^-$
nickel	$\text{Ni}^{2+}$	nitrite	$\text{NO}_2^-$
potassium	$\text{K}^+$	oxide	$\text{O}^{2-}$
silver	$\text{Ag}^+$	permanganate	$\text{MnO}_4^-$
sodium	$\text{Na}^+$	perbromate	$\text{BrO}_4^-$
strontium	$\text{Sr}^{2+}$	periodate	$\text{IO}_4^-$
stannous	$\text{Sn}^{2+}$	perchlorate	$\text{ClO}_4^-$
stannic	$\text{Sn}^{4+}$	peroxide	$\text{O}_2^{2-}$
zinc	$\text{Zn}^{2+}$	phosphate	$\text{PO}_4^{3-}$
acetate	$\text{C}_2\text{H}_3\text{O}_2^-$ or $\text{CH}_3\text{COO}^-$	phosphite	$\text{PO}_3^{3-}$
bromide	$\text{Br}^-$	sulfate	$\text{SO}_4^{2-}$
bicarbonate	$\text{HCO}_3^-$	sulfite	$\text{SO}_3^{2-}$
bisulfate	$\text{HSO}_4^-$	thiosulfate	$\text{S}_2\text{O}_3^{2-}$
bromate	$\text{BrO}_3^-$	thiocyanate	$\text{SCN}^-$
bromite	$\text{BrO}_2^-$	sulfide	$\text{S}^{2-}$