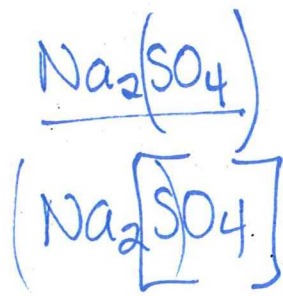


sodium sulfate -
sodium sulfide
 Na_2S



NO_3^{1-} nitrate
 NO_2^{1-} nitrite

"ate" always has 1 more oxygen than "ite"

SO_4^{2-} sulfate
 SO_3^{2-} sulfite

ClO_4^{1-} perchlorate
 ClO_3^{1-} chlorate
 ClO_2^{1-} chlorite
 ClO^{1-} hypochlorite

PO_4^{3-} phosphate
 PO_3^{3-} phosphite

BO_3^{3-} borate
 BO_2^{3-} borite

"per" has 1 more oxygen than "ate"

"hypo" has 1 less oxygen than "ite"

CO_3^{2-} carbonate

CO_2^{2-} carbonite

SO_5^{2-} - persulfate

$\text{C}_4\text{H}_4\text{O}_6^{2-}$ tartrate

$(\text{NH}_4)_3\text{C}_6\text{H}_5\text{O}_7$
ammonium citrate

NH_4^{1+} $\text{C}_6\text{H}_5\text{O}_7^{3-}$
 $(\text{NH}_4)_3\text{C}_6\text{H}_5\text{O}_7$

$\text{Al}(\text{OH})_3$ Aluminum hydroxide
 K_2S - Potassium sulfide
 $\text{K}_2\text{C}_2\text{O}_4$ Potassium oxalate
 $(\text{NH}_4)_3\text{PO}_4$ Ammonium phosphate
 MgCrO_3 Magnesium chromite
 $\text{Ca}(\text{CN})_2$ Calcium cyanide
 AlPO_4 Aluminum phosphate
 KCl ~~KCl~~ Potassium chloride
 Ba_3N_2 - Barium nitride
 NH_4Cl Ammonium chloride
 $\text{Ca}(\text{C}_2\text{H}_3\text{O}_2)_2$ Calcium acetate
 CsIO_2 Cesium iodite
 K_3BO_4 ~~K₃BO₅~~ Potassium perborate
 CaCr_2O_7 - Calcium dichromate