

AP Summer Assignment

Read
Ch 1 + 2
of textbook
take notes

Memorize

highlighted
ions

22 total

- Spelling
- formulas
- charges

<u>FORMULA</u>	<u>NAME</u>
PO_4^{3-}	phosphate
PO_3^{3-}	phosphite
HPO_4^{2-}	hydrogen phosphate
H_2PO_4^-	dihydrogen phosphate
SO_4^{2-}	sulfate
SO_3^{2-}	sulfite
$\text{S}_2\text{O}_3^{2-}$	thiosulfate
$\text{S}_2\text{O}_8^{2-}$	persulfate
HSO_4^-	bisulfate (or hydrogen sulfate)
HSO_3^-	bisulfite (or hydrogen sulfite)
CrO_4^{2-}	chromate
$\text{Cr}_2\text{O}_7^{2-}$	dichromate
MnO_4^-	permanganate
Hg_2^{2+}	mercury(I) or mercurous
NO_3^-	nitrate
NO_2^-	nitrite
N_3^-	azide
BO_3^{3-}	borate
ClO_4^-	perchlorate
ClO_3^-	chlorate
ClO_2^-	chlorite
ClO^-	hypochlorite
CN^-	cyanide
CNO^-	cyanate
CNS^-	thiocyanate
OH^-	hydroxide
O_2^{2-}	peroxide
CO_3^{2-}	carbonate
HCO_3^-	bicarbonate (hydrogen carbonate)
$\text{C}_2\text{H}_3\text{O}_2^- (\text{CH}_3\text{COO}^-)$	acetate
$\text{C}_2\text{O}_4^{2-}$	oxalate
NH_4^+	ammonium
H_3O^+	hydronium