

Table of common polyatomic ions:

Ions you need to memorize for exams:

Formula	Name
NH_4^{+1}	ammonium
NO_2^{-1}	nitrite
NO_3^{-1}	nitrate
OH^{-1}	hydroxide
CN^{-1}	cyanide
MnO_4^{-1}	permanganate
HCO_3^{-1}	bicarbonate
$\text{C}_2\text{H}_3\text{O}_2^{-1}$ or $\text{CH}_3\text{COO}^{-1}$	acetate
CO_3^{-2}	carbonate
SO_3^{-2}	sulfite
SO_4^{-2}	sulfate
PO_4^{-3}	phosphate

Other ions you may need to know (will be provided on exams, if necessary):

Formula	Name
HSO_4^{-1}	bisulfate
ClO^{-1}	hypochlorite
ClO_2^{-1}	chlorite
ClO_3^{-1}	chlorate *
ClO_4^{-1}	perchlorate
BrO_3^{-1}	bromate
IO_3^{-1}	iodate
IO_4^{-1}	periodate
O_2^{-2}	peroxide
CrO_4^{-2}	chromate
$\text{Cr}_2\text{O}_7^{-2}$	dichromate
AsO_4^{-3}	arsenate