

POLYATOMIC IONS

<u>Symbol</u>	<u>Name</u>
CH₃COO¹⁻	acetate ion
NH₄¹⁺	ammonium ion
AsO ₄ ³⁻	arsenate ion
C ₆ H ₅ COO ¹⁻	benzoate ion
HCO ₃ ¹⁻	bicarbonate ion
BrO ₃ ¹⁻	bromate ion
CO₃²⁻	carbonate ion
ClO₃¹⁻	chlorate ion
ClO ₂ ¹⁻	chlorite ion
CrO ₄ ²⁻	chromate ion
C ₆ H ₅ O ₇ ³⁻	citrate ion
CN¹⁻	cyanide ion
Cr ₂ O ₇ ²⁻	dichromate ion
OH¹⁻	hydroxide ion
ClO ¹⁻	hypochlorite ion
IO ₃ ¹⁻	iodate ion
NO₃¹⁻	nitrate ion
NO₂¹⁻	nitrite ion
C ₂ O ₄ ²⁻	oxalate ion
ClO ₄ ¹⁻	perchlorate ion
IO ₄ ¹⁻	periodate ion
MnO ₄ ¹⁻	permanganate ion
PO₄³⁻	phosphate ion
PO ₃ ³⁻	phosphite ion
SiO ₃ ²⁻	silicate ion
SO₄²⁻	sulfate ion
SO₃²⁻	sulfite ion
S ₂ O ₃ ²⁻	thiosulfate ion

*Must memorize BOLD ions

MONATOMIC IONS

<u>Symbol</u>	<u>Name</u>
Cd ²⁺	cadmium ion
Cr ²⁺	chromium (II) ion
Cr ³⁺	chromium (III) ion
Co ²⁺	cobalt (II) ion
Co ³⁺	cobalt (III) ion
Cu ¹⁺	copper (I) ion
Cu ²⁺	copper (II) ion
Au ¹⁺	gold (I) ion
Au ³⁺	gold (III) ion
Fe ²⁺	iron (II) ion
Fe ³⁺	iron (III) ion
Pb ²⁺	lead (II) ion
Pb ⁴⁺	lead (IV) ion
Pt ²⁺	platinum (II) ion
Pt ⁴⁺	platinum (IV) ion
Sn ²⁺	tin (II) ion
Sn ⁴⁺	tin (IV) ion
Ti ³⁺	titanium (III) ion
Ti ⁴⁺	titanium (IV) ion
W ⁴⁺	tungsten (IV) ion
W ⁵⁺	tungsten (V) ion
U ³⁺	uranium (III) ion
U ⁴⁺	uranium (IV) ion
U ⁵⁺	uranium (V) ion
U ⁶⁺	uranium (VI) ion
V ³⁺	vanadium (III) ion
V ⁴⁺	vanadium (IV) ion
V ⁵⁺	vanadium (V) ion