

Common Ions Sheet

<i>Monatomic Cations 1⁺ Charge</i>		<i>Monatomic Cations 2⁺ Charge</i>		<i>Monatomic Cations 3⁺ & 4⁺ Charge</i>	
H ⁺	hydrogen ion	Be ²⁺	beryllium ion	Al ³⁺	aluminum ion
Li ⁺	lithium ion	Mg ²⁺	magnesium ion	Fe ³⁺	iron (III) ion
Na ⁺	sodium ion	Ca ²⁺	calcium ion	Co ³⁺	cobalt (III) ion
K ⁺	potassium ion	Sr ²⁺	strontium ion	Ni ³⁺	nickel (III) ion
Rb ⁺	rubidium ion	Ba ²⁺	barium ion	Au ³⁺	gold (III) ion
Cs ⁺	cesium ion	Cu ²⁺	copper (II) ion	Cr ³⁺	chromium (III) ion
Ag ⁺	silver ion	Co ²⁺	cobalt (II) ion	Ga ³⁺	gallium (III) ion
Cu ⁺	copper (I) ion	Fe ²⁺	iron (II) ion	Mn ³⁺	manganese (III) ion
Au ⁺	gold (I) ion	Zn ²⁺	zinc ion	Sn ⁴⁺	tin (IV) ion
<i>Polyatomic Cation</i>		Sn ²⁺	tin (II) ion	Pb ⁴⁺	lead (IV) ion
NH ₄ ⁺	ammonium	Pb ²⁺	lead (II) ion	Mn ⁴⁺	manganese (IV) ion
		Hg ²⁺	mercury (II) ion		
		Hg ₂ ²⁺	mercury (I) ion		
		Ni ²⁺	nickel (II) ion		
		Cr ²⁺	chromium (II) ion		
		Mn ²⁺	manganese (II) ion		
		Cd ²⁺	cadmium (II) ion		
<i>Monatomic Anions</i>		<i>Polyatomic Ions 1⁻ Charge</i>		<i>Polyatomic Ions 2⁻ & 3⁻ Charge</i>	
H ⁻	hydride	H ₂ PO ₄ ⁻	dihydrogen phosphate	O ₂ ²⁻	peroxide
F ⁻	fluoride	C ₂ H ₃ O ₂ ⁻	acetate	HPO ₄ ²⁻	hydrogen phosphate
Cl ⁻	chloride	HSO ₃ ⁻	hydrogen sulfite (bisulfite)	C ₂ O ₄ ²⁻	oxalate
Br ⁻	bromide	HSO ₄ ⁻	hydrogen sulfate (bisulfate)	SO ₃ ²⁻	sulfite
I ⁻	iodide	HCO ₃ ⁻	hydrogen carbonate	SO ₄ ²⁻	sulfate
O ²⁻	oxide	NO ₂ ⁻	nitrite	CO ₃ ²⁻	carbonate
S ²⁻	sulfide	NO ₃ ⁻	nitrate	CrO ₄ ²⁻	chromate
Se ²⁻	selenide	CN ⁻	cyanide	Cr ₂ O ₇ ²⁻	dichromate
N ³⁻	nitride	OH ⁻	hydroxide	SiO ₃ ²⁻	silicate
P ³⁻	phosphide	MnO ₄ ⁻	permanganate	PO ₄ ³⁻	phosphate
C ⁴⁻	carbide	IO ₃ ⁻	iodate	PO ₃ ³⁻	phosphite
		ClO ⁻	hypochlorite		
		ClO ₂ ⁻	chlorite		
		ClO ₃ ⁻	chlorate		
		ClO ₄ ⁻	perchlorate		