

Selected Polyatomic Ions (Memorize these!)

+1	-1	-2	-3
NH ₄ ⁺ (ammonium)	CN ⁻ (cyanide)	O ₂ ²⁻ (peroxide)	
H ₃ O ⁺ (hydronium)	OCN ⁻ (cyanate)	C ₂ O ₄ ²⁻ (oxalate)	
	SCN ⁻ (thiocyanate)		
Hg₂²⁺ (mercury I)	OH ⁻ (hydroxide)	CrO ₄ ²⁻ (chromate)	
	C ₂ H ₃ O ₂ ⁻ (acetate)	Cr ₂ O ₇ ²⁻ (dichromate)	
	MnO ₄ ⁻ (permanganate)		
	NO ₃ ⁻ (nitrate)		
	NO ₂ ⁻ (nitrite)		
	H ₂ PO ₄ ⁻ (dihydrogen phosphate)	HPO ₄ ²⁻ (hydrogen phosphate)	PO ₄ ³⁻ (phosphate)
	HCO ₃ ⁻ (hydrogen carbonate or bicarbonate)	CO ₃ ²⁻ (carbonate)	AsO ₄ ³⁻ (arsenate)
	HSO ₄ ⁻ (hydrogen sulfate)	SO ₄ ²⁻ (sulfate)	
	HSO ₃ ⁻ (hydrogen sulfite)	SO ₃ ²⁻ (sulfite)	
	ClO ₄ ⁻ (perchlorate)	S ₂ O ₃ ²⁻ (thiosulfate)	
	ClO ₃ ⁻ (chlorate)		
	ClO ₂ ⁻ (chlorite)		
	ClO ⁻ (hypochlorite)		
	+ bromo, iodo relatives		