

COMMON ION SHEET (CIS)

+ 1 Charge

Ammonium ion.....(NH₄)⁺

-1 Charge

Acetate ion.....(C₂H₃O₂)⁻

Antimonite ion.....(SbO₂)⁻

Arsenite ion.....(AsO₂)⁻

Bromate ion.....(BrO₃)⁻

Bromite ion.....(BrO₂)⁻

Chlorate ion.....(ClO₃)⁻

Chlorite ion.....(ClO₂)⁻

Cyanate ion.....(CNO)⁻

Cyanide ion.....(CN)⁻

Dihydrogen phosphate.....(H₂PO₄)⁻

Hydride ion..... H⁻

Hydrogen Carbonate ion...(HCO₃)⁻

Hydrogen Sulfate ion.....(HSO₄)⁻

Hydrogen Sulfide ion.....(HS)⁻

Hydrogen Sulfite.....(HSO₃)⁻

Hydroxide ion.....(OH)⁻

Hypobromite ion.....(BrO)⁻

Hypochlorite ion.....(ClO)⁻

Hypoiodite ion.....(IO)⁻

Iodate ion.....(IO₃)⁻

Iodite ion.....(IO₂)⁻

Nitrate ion.....(NO₃)⁻

Nitrite ion.....(NO₂)⁻

Perchlorate ion.....(ClO₄)⁻

Periodate ion.....(IO₄)⁻

Permanganate ion.....(MnO₄)⁻

Thiocyanate ion.....(SCN)⁻

-2 Charge

Silicate ion.....(SiO₂)⁻²

Carbonate ion.....(CO₃)⁻²

Chromate ion.....(CrO₄)⁻²

Dichromate ion.....(Cr₂O₇)⁻²

Manganate ion.....(MnO₄)⁻²

Monohydrogen Phosphate ion (HPO₄)⁻²

Oxalate ion.....(C₂O₄)⁻²

Oxide ion.....O⁻²

Peroxide ion.....O₂⁻²

Sulfate ion.....(SO₄)⁻²

Sulfide ion.....S⁻²

Sulfite ion.....(SO₃)⁻²

Thiosulfate ion.....(S₂O₃)⁻²

-3 Charge

Antimonate ion.....(SbO₄)⁻³

Arsenate ion.....(AsO₄)⁻³

Arsenite ion.....(AsO₃)⁻³

Borate ion.....(BO₃)⁻³

Ferricyanide ion.....[Fe(CN)₆]⁻³

Phosphate ion.....(PO₄)⁻³

Phosphite ion.....(PO₃)⁻³

-4 Charge

Ferrocyanide ion...[Fe(CN)₆]⁻⁴

