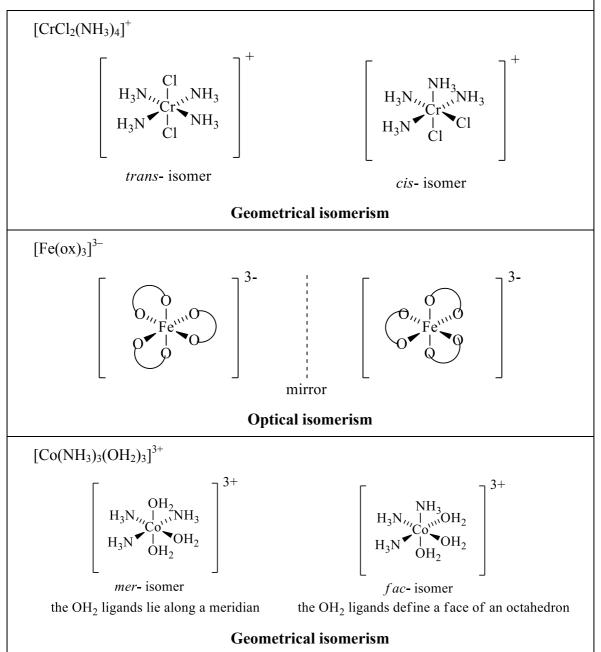
• The following three complex ions can all exhibit isomerism. Name the type of isomerism involved in each case and draw the structures of the isomeric pairs. ox = oxalate = $C_2O_4^{2-}$

Marks 9



3

• Give the systematic name of each of the following compounds. en = ethylenediamine = 1,2-diaminoethane = NH₂CH₂CH₂NH₂

Cs₂[PtF₆] caesium hexafluoridoplatinate(IV)

[Co(en)₂(NH₃)₂]Br₃ diamminebis(ethylenediamine)cobalt(III) bromide