**Coordination Compound Nomenclature**

Name the following:

Cr(NH3)3Cl3

Pt(en)Cl2

[Pt(ox)2]2–

[Cr(H2O)5Br]2+

[Cu(NH2CH2CH2NH2)Cl4]2–

[Fe(OH)4]–

[Co(N3)(NH3)5]SO4

Na[AlCl4]

[Co(en)2CO3]Cl

Write formulas (and sketch the structures) of the following:

Tris(acetylacetonato) iron(III)

Hexabromoplatinate(2–)

Potassium diamminetetrabromocobaltate(III)

Tris(ethylenediamine)copper(II) sulfate

Hexacarbonylmanganese(I) perchlorate

Ammonium tetrachlororuthenate(1–)