## **CHEM 322: Coordination Chemistry**

## **Topic. Isomerism**

Name:	Roll No.	Submission date:	

## **Identifying Isomers**

Match the isomers and identify the type of isomerism in this collection of structures. Write the name, metal's oxidation state, and electron count under each structure.

 $[Cr(NH_3)_6][Co(CN)_6]$ 

[Pt(NH<sub>3</sub>)<sub>4</sub>Cl<sub>2</sub>][PtCl<sub>4</sub>]

 $[Cr(CN)_6][Co(NH_3)_6]$