

# Coordination reaction

Coordination (complexing) reactions lead to the formation of coordination compounds . In these chemical reactions, ligands are transferred.

An example of a coordination reaction is:  $\text{CuSO}_4 + 4 \text{NH}_3 \rightarrow [\text{Cu}(\text{NH}_3)_4] \text{SO}_4$

In this chemical reaction, the ligand is  $(\text{NH}_3)_4$  .