

## 10.2: Organometallic Reactions

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Learning objectives for this unit are to:

- Know the key characteristics of the five reaction classes (ligand association/dissociation, oxidative addition/reductive elimination, cycloaddition/retrocycloaddition, b-elimination/b-insertion; a-elimination/a-insertion)
  - Classify reactions based on the changes in coordination number, oxidation state, and total electron count
  - Predict the product(s) of a reaction given a reactant and reaction class
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