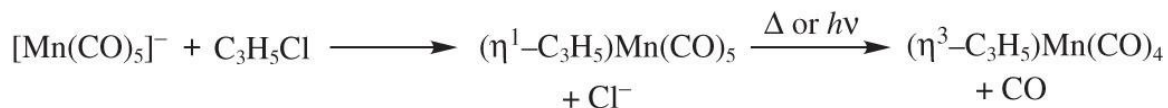
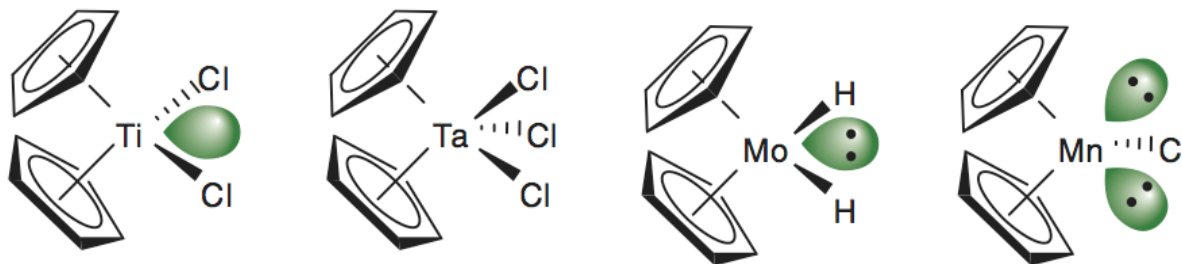


Electron Counting for pi complexes—worksheet September 19, 2017.

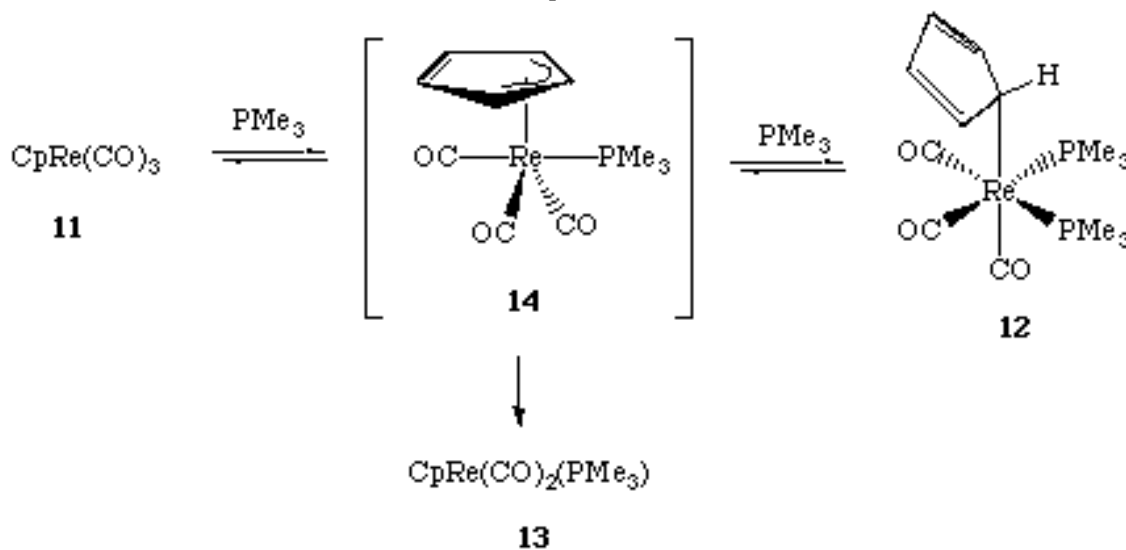
1. Give the electron count for each Mn derivative in the following equation. Show how you derived each overall count.



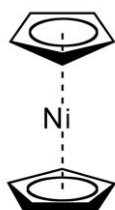
2. Give the electron count for each of the bent metallocenes.



3. Give the electron count for each Re species.



4. Based on adherence to the 18-electron rule, suggest a structure for $(\text{C}_5\text{H}_5)_2\text{Fe}(\text{CO})_2$.



5. What is the electron count for nickelocene, Cp_2Ni , and the triple decker shown right?

