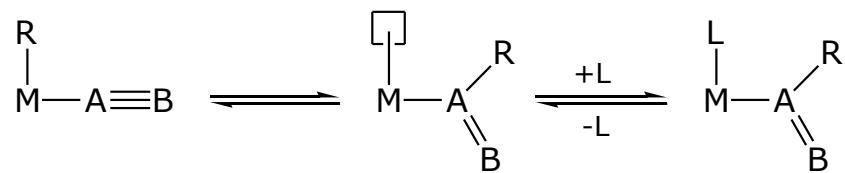
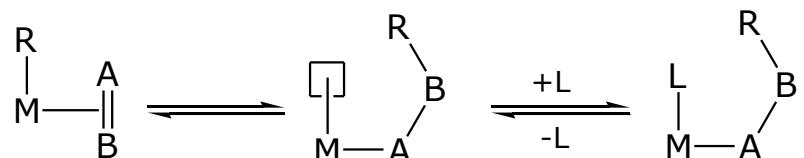


Reminder: Migratory Insertion and Elimination Reactions

1,1-migratory insertion:

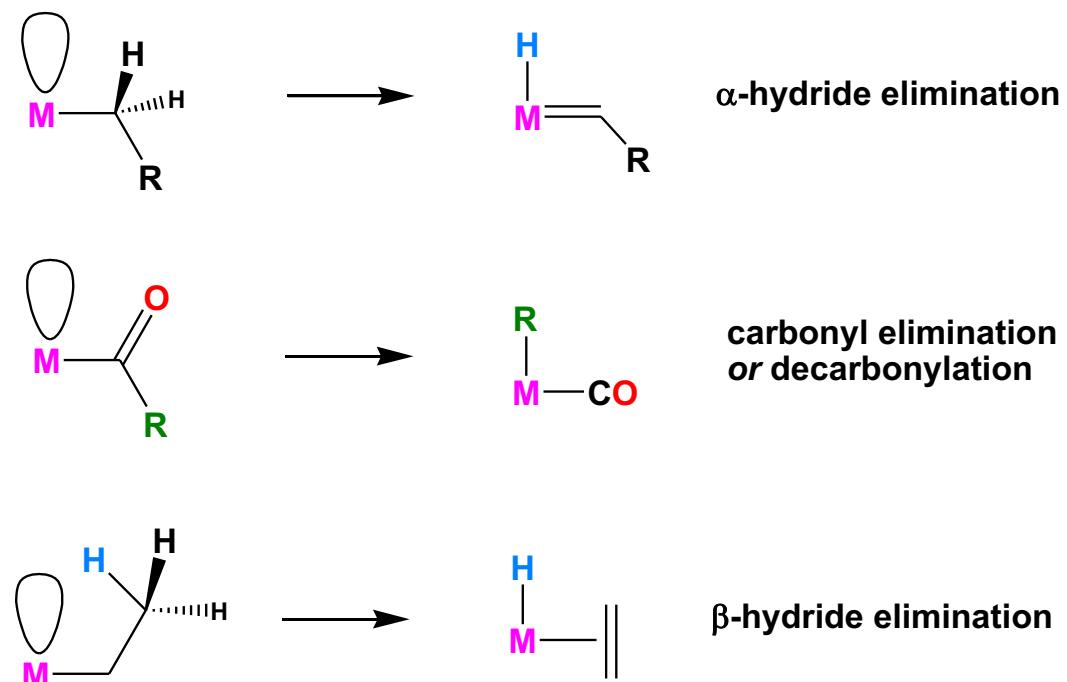


1,2-migratory insertion:



\square = vacant coordination site

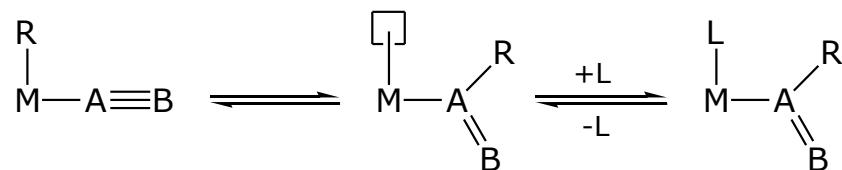
- 1) No change in formal oxidation state (exception: alkylidenes)
- 2) The two groups that react must be **cisoidal** to one another



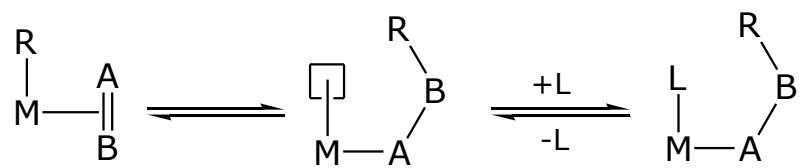
- 1) No change in formal oxidation state (exception: alkylidenes)
- 2) You must have an empty orbital that is **cisoidal** to the group that you are doing an elimination reaction on.

Reminder: Migratory Insertion and Elimination Reactions

1,1-migratory insertion:



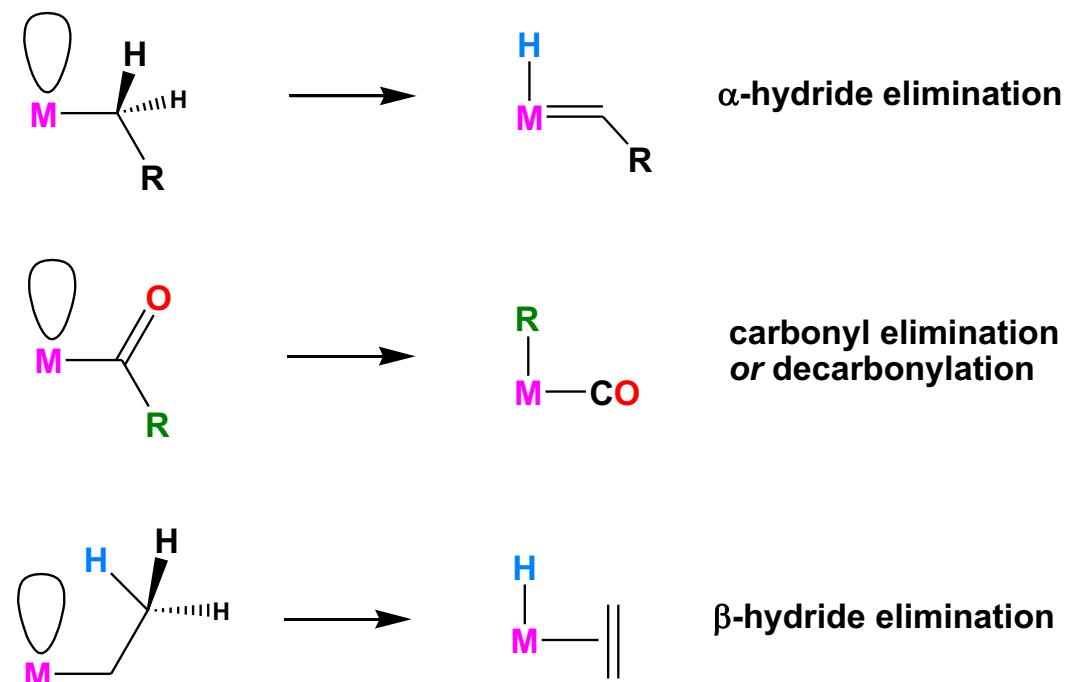
1,2-migratory insertion:



\square = vacant coordination site

Anionic: H^- , R^- (alkyl), Ar^- (aryl), acyl^- ,

Neutral: CO , alkenes, alkynes, carbenes



Alkyl elimination not favoured

Migratory Insertion of H on CO not favoured