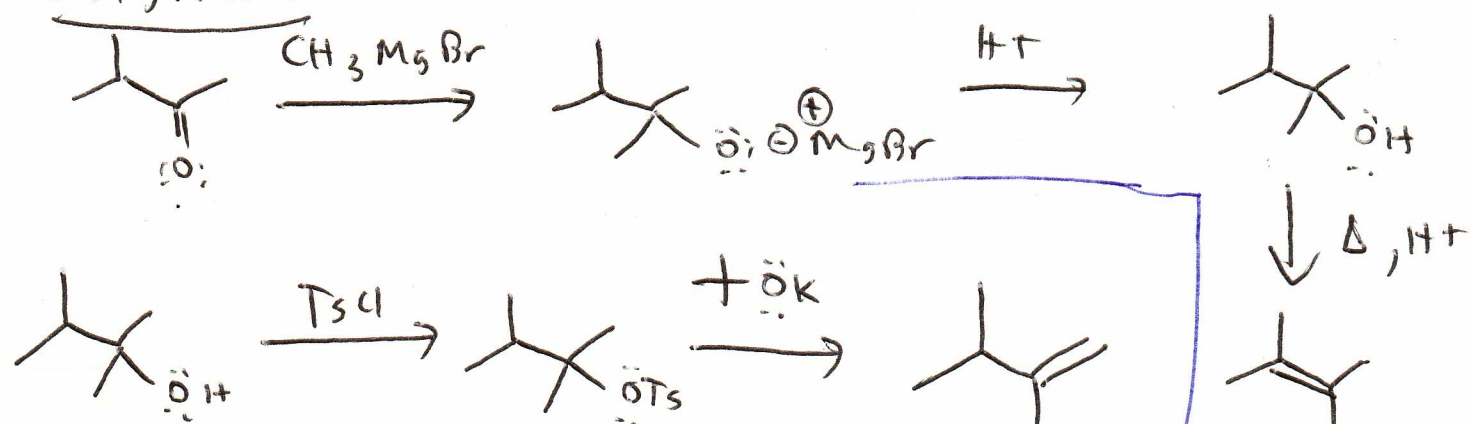


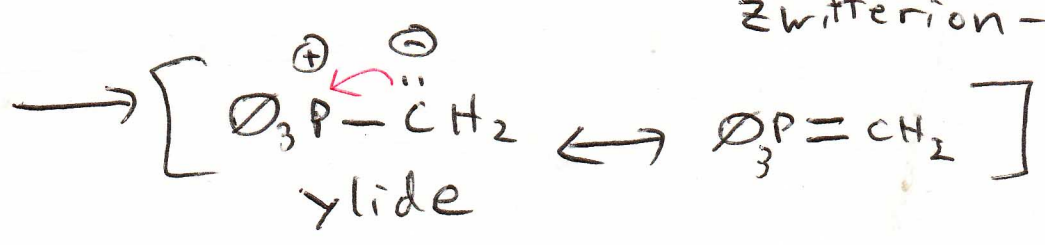
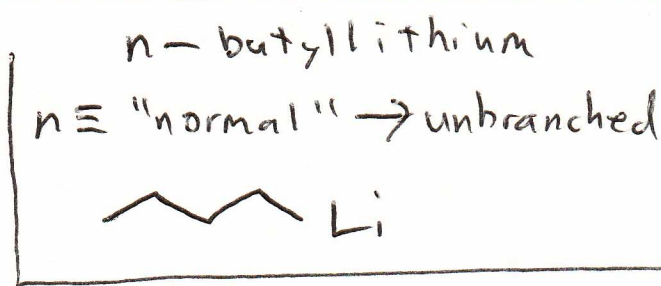
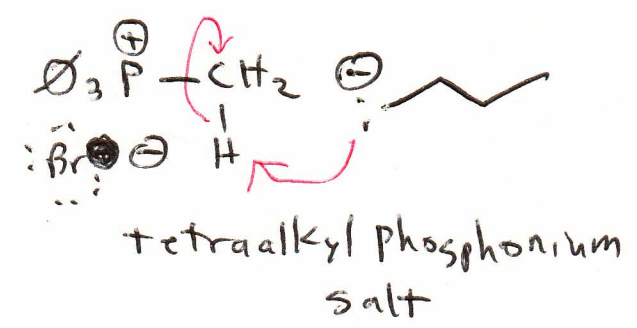
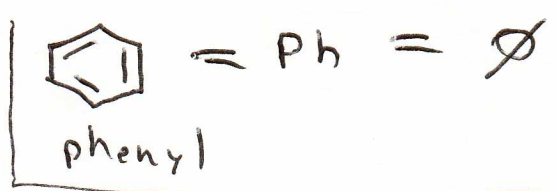
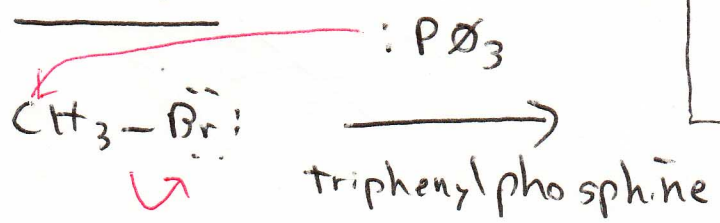
Grignard



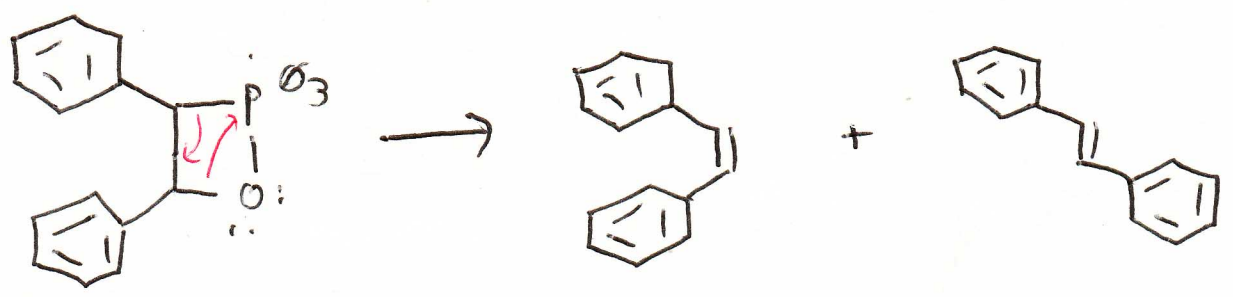
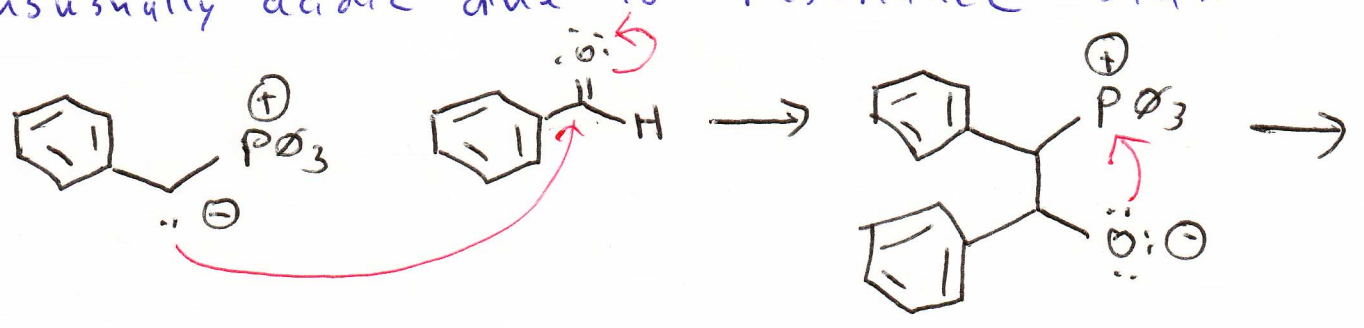
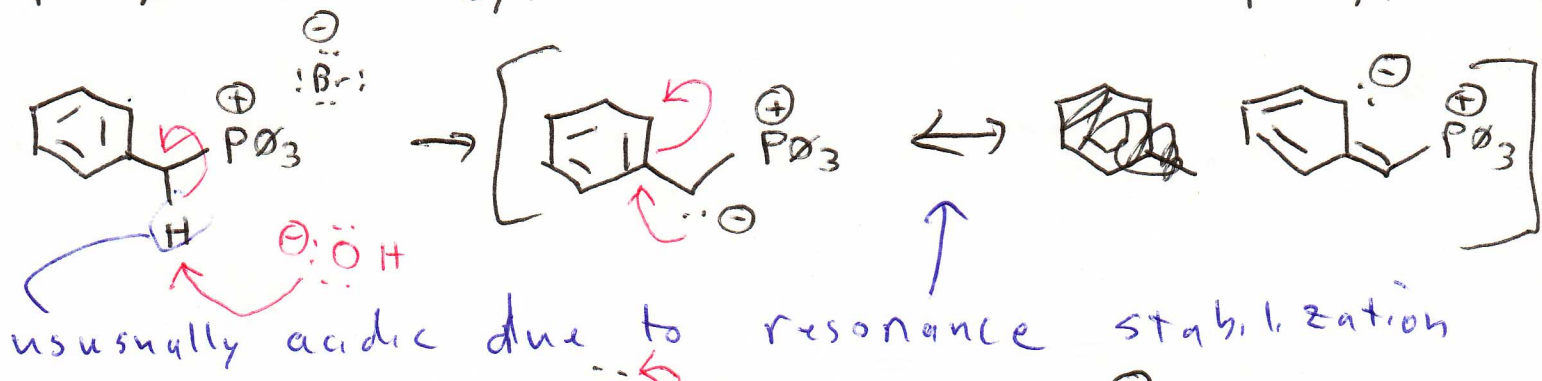
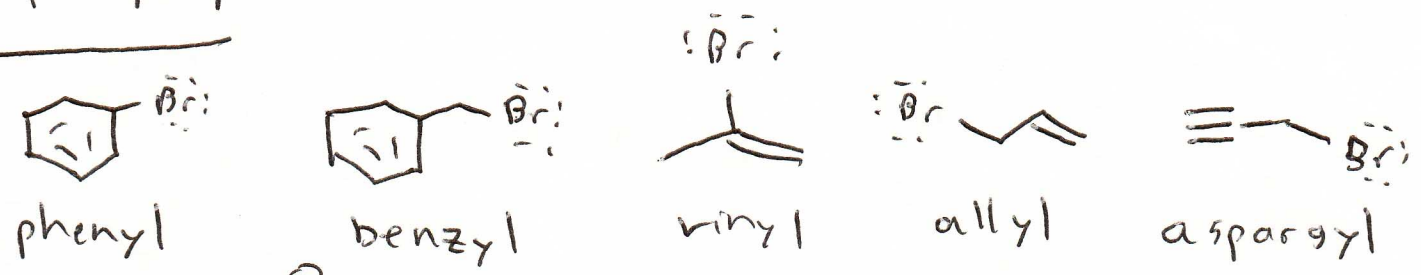
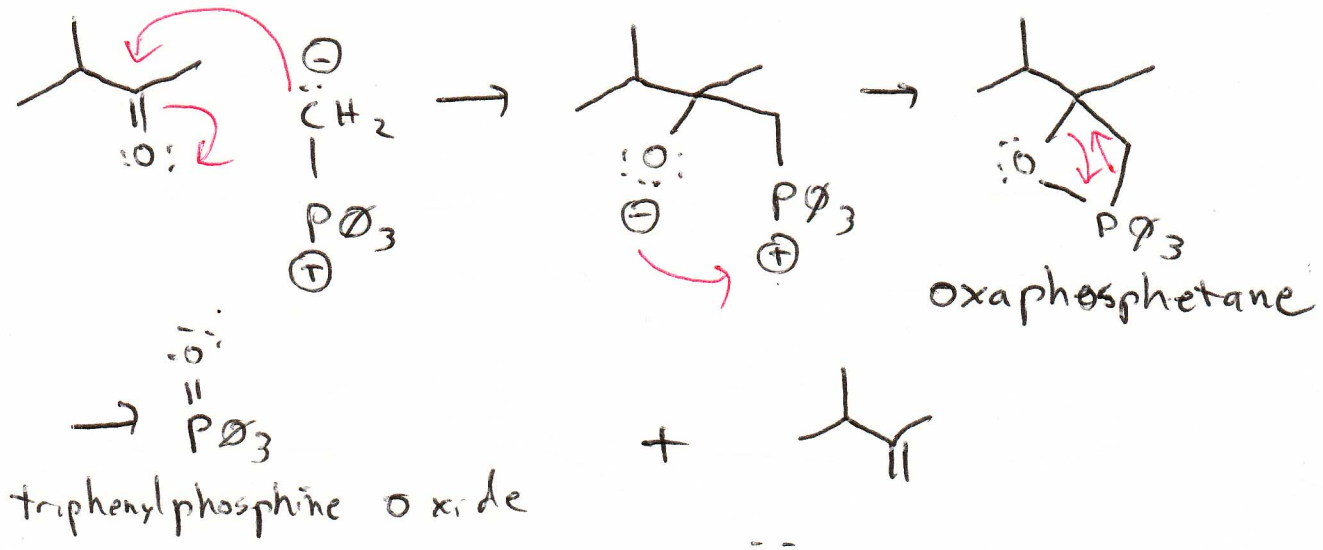
At low temperatures, only those reactions with lower activation barriers will tend to predominate, even if the products that result are not the most thermodynamically favorable. When a large, bulky base is used in eliminations, the steric hindrance of that base ^{can} cause the formation of a less substituted alkene.

Kinetic (anti-Zaitsev) (Hoffmann) } thermodynamic (Zaitsev)

Wittig



Zwitterion - "twinn ion"



NaHSO_3 wash \rightarrow to reduce triphenylphosphine oxide (byproduct)