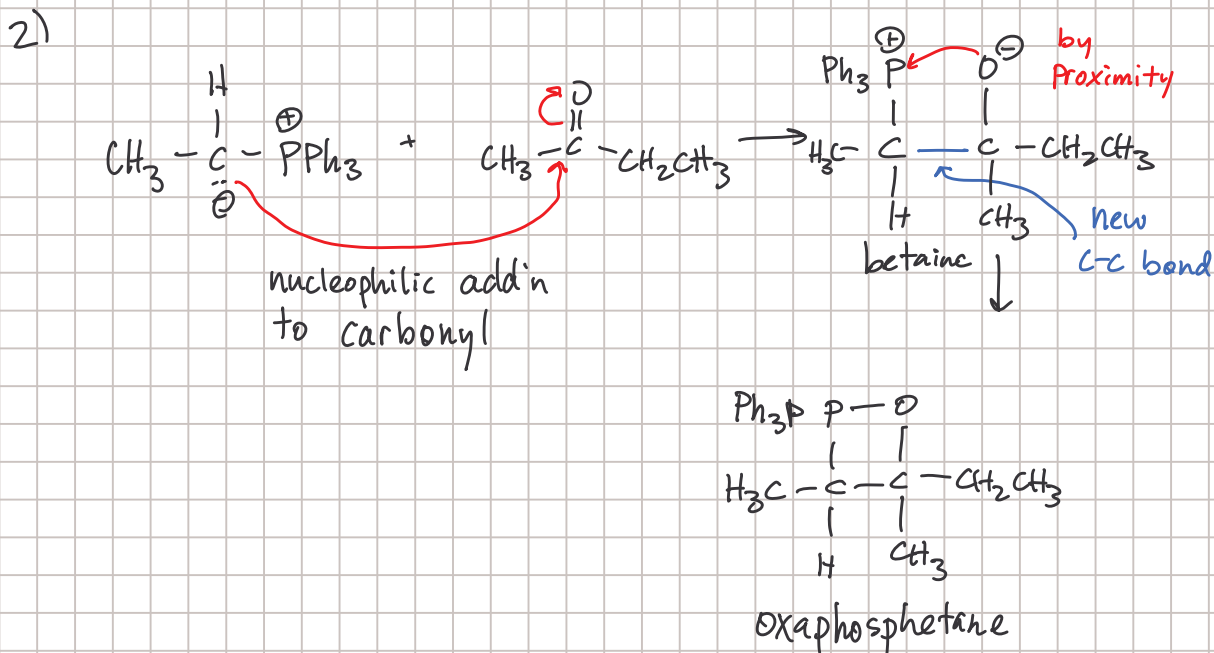
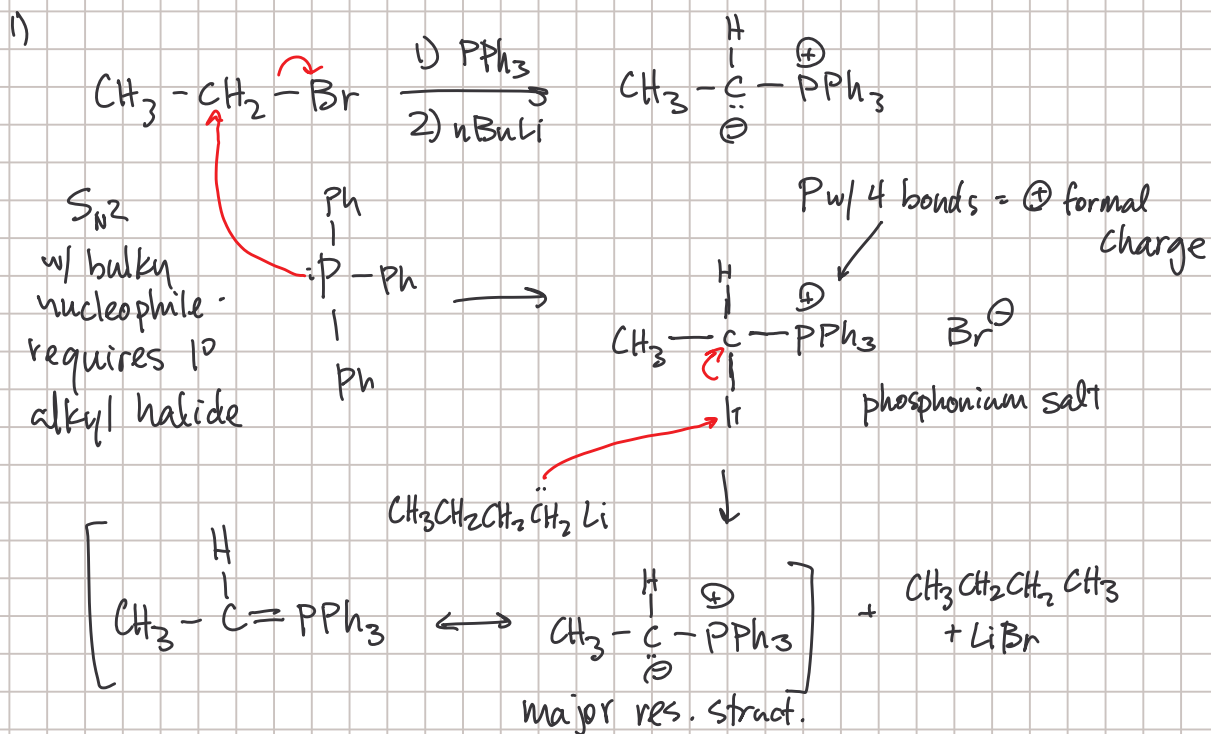
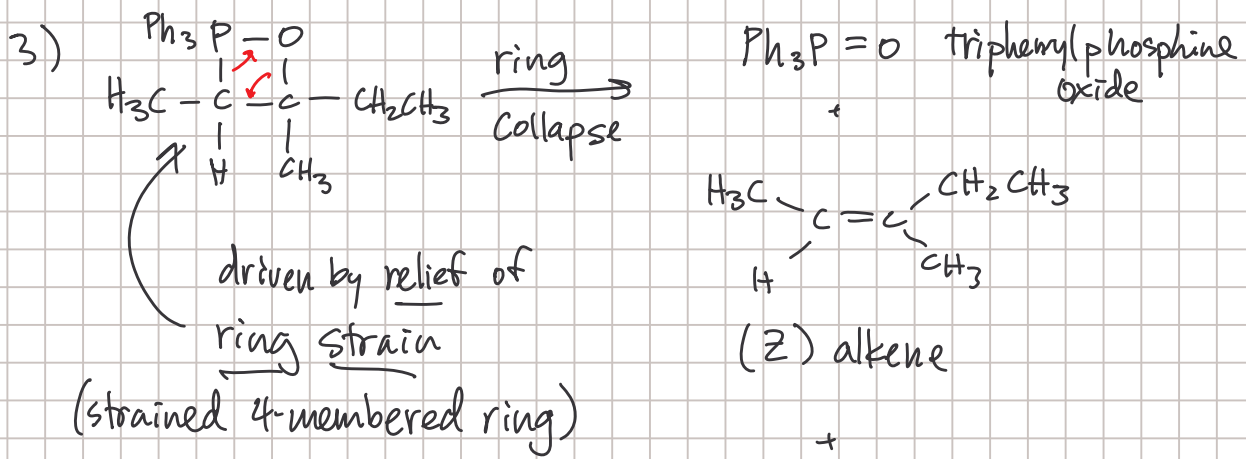


Ch 18 group work

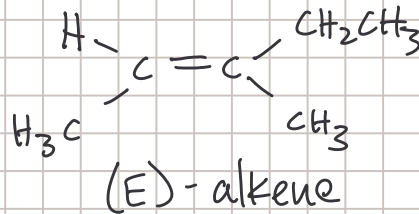
Note Title

3/22/2006

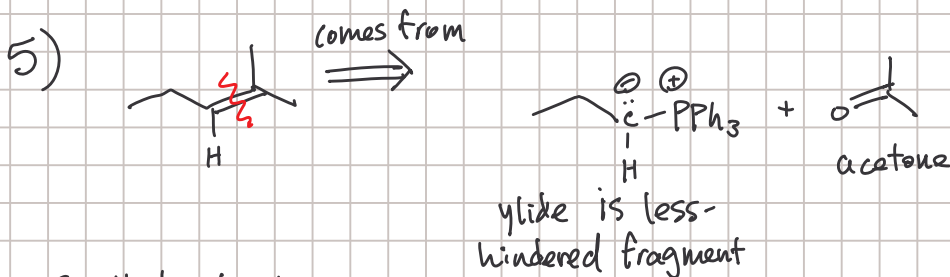
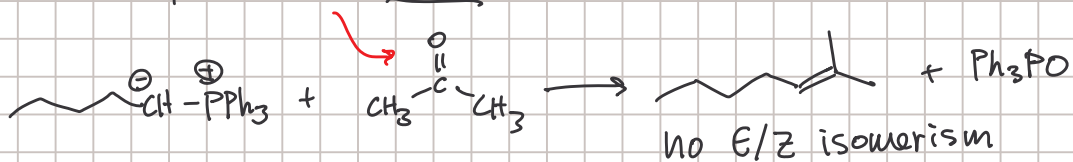




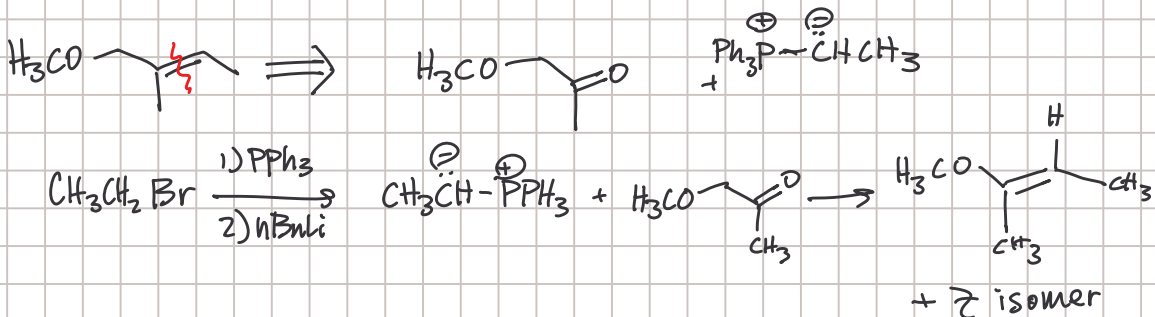
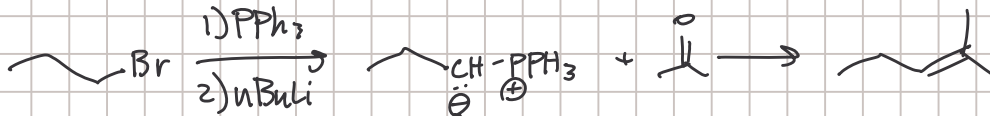
little E/Z selectivity
 : mixture of E & Z (or cis & trans) isomers in Wittig product

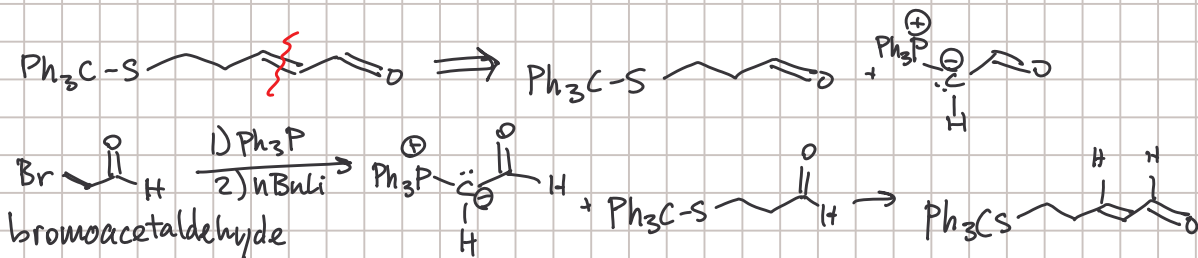
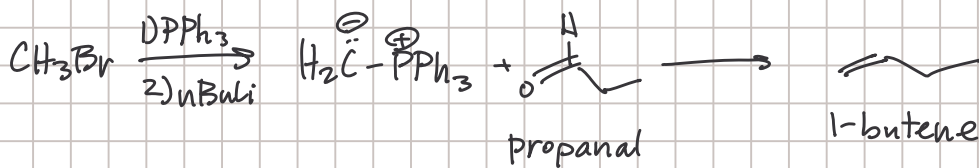
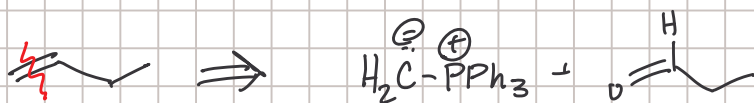


Use of symmetrical ketones in rxn eliminates this problem



Synthetic direction:





(I did the above reaction in grad school on ~30g starting material under reflux in a 2L flask - it took a whole Saturday and I got 80-90% purified yield if memory serves)