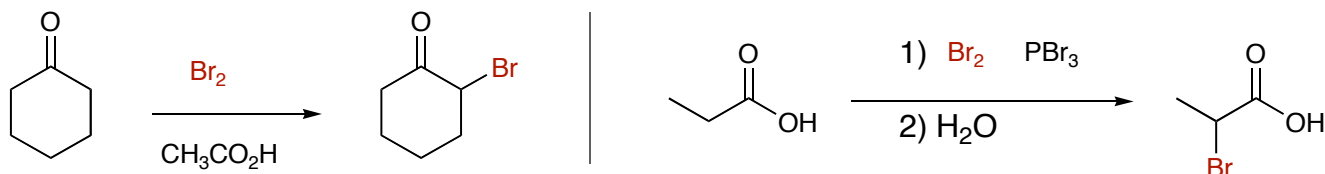
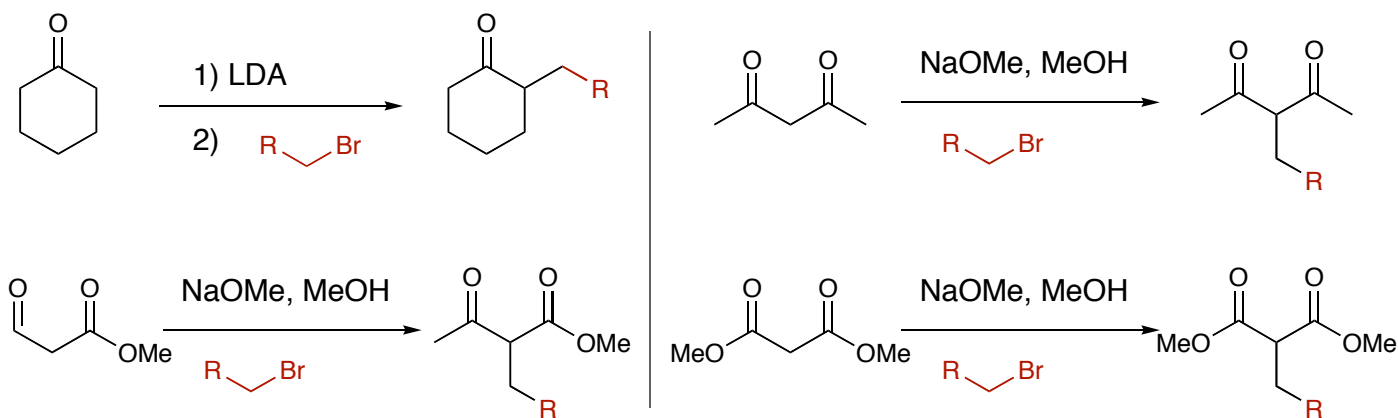


Please note that only new reactions are included here. You should also look at the Need TO Know reactions from tests 1-3.

Carbonyl Alpha-Halogenation



Carbonyl Alpha-Alkylation

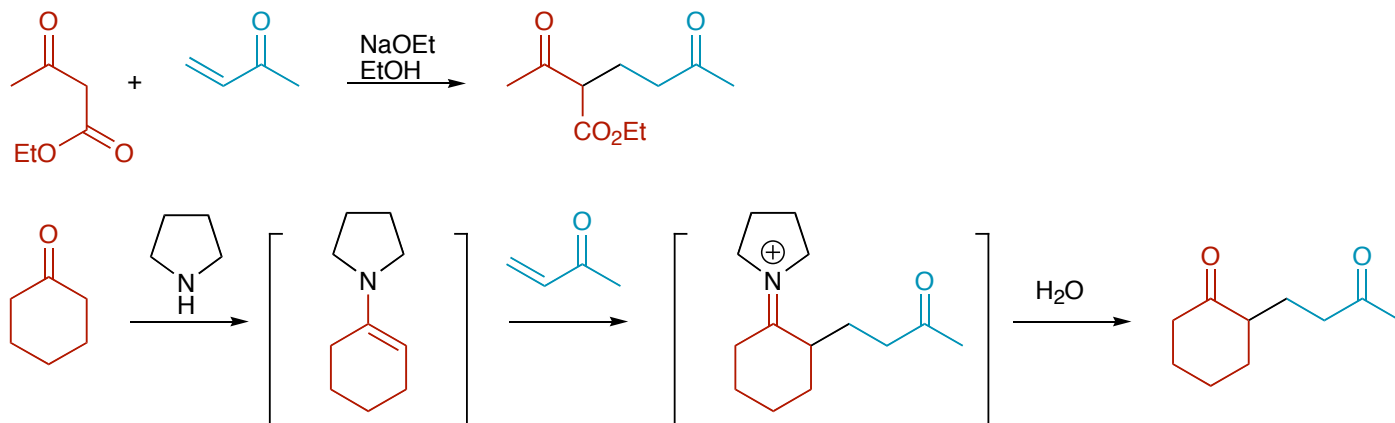


Carbonyl Condensation

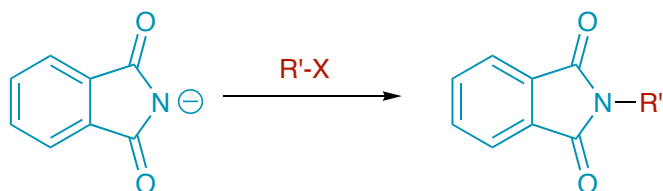
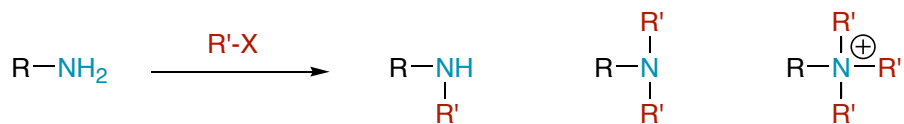
Note that these could be mixed carbonyls or intramolecular reactions.



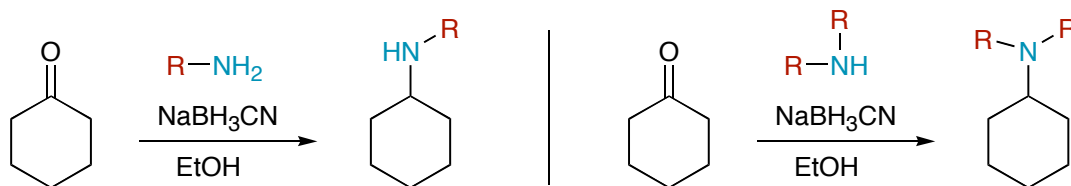
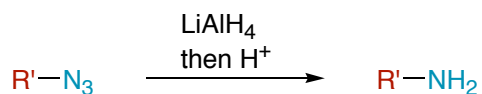
Michael Addition (carbonyl condensations)



Alkylation of Nitrogen Compounds



Reductions



Hydrolysis and Eliminations

