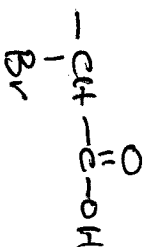
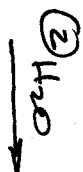
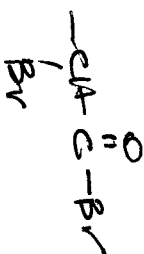
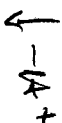
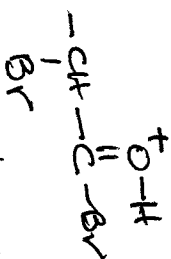
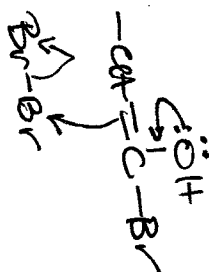


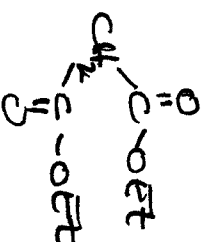
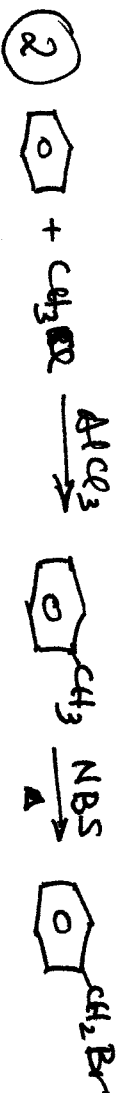
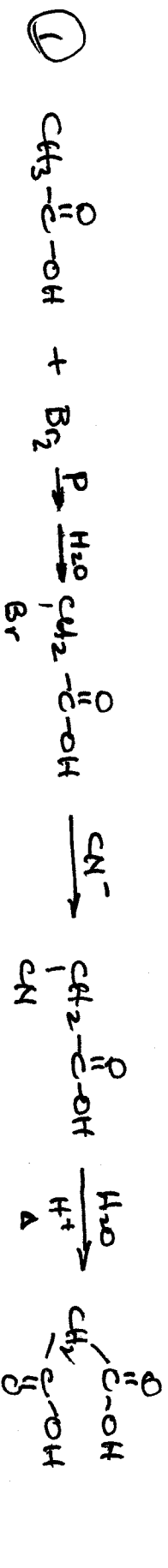
H-V-Z reaction
p. 861



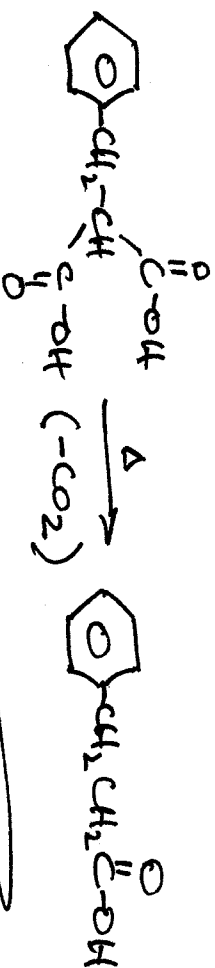
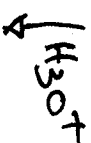
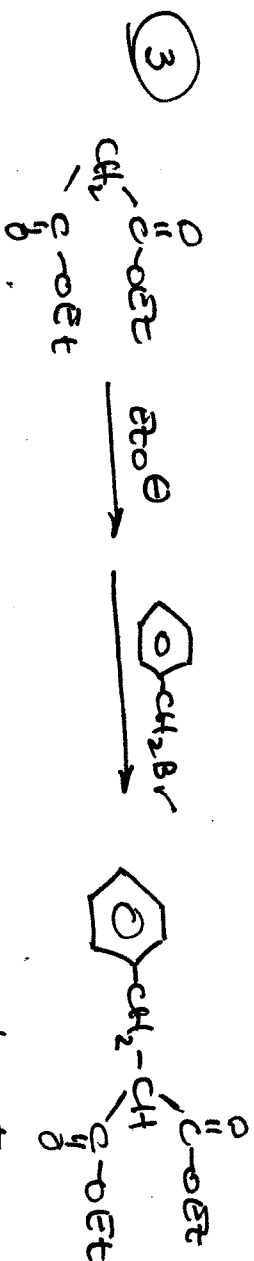
α -bromo acid

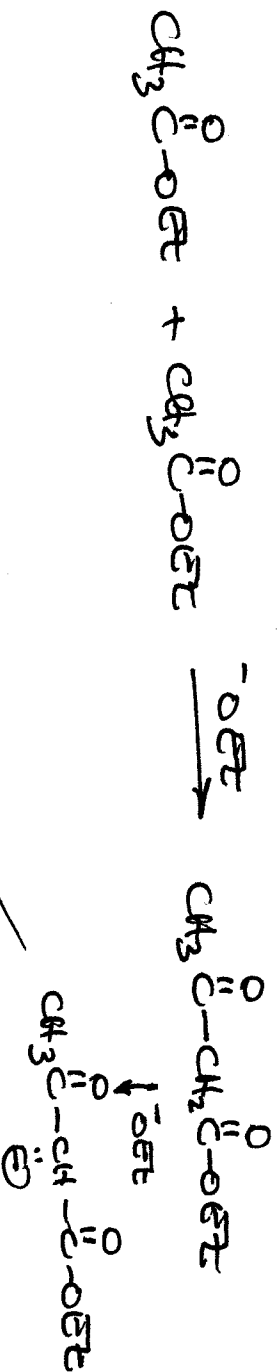


from starting materials containing no more than two (2) carbons + benzene.

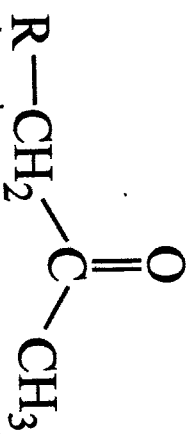
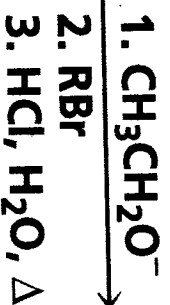
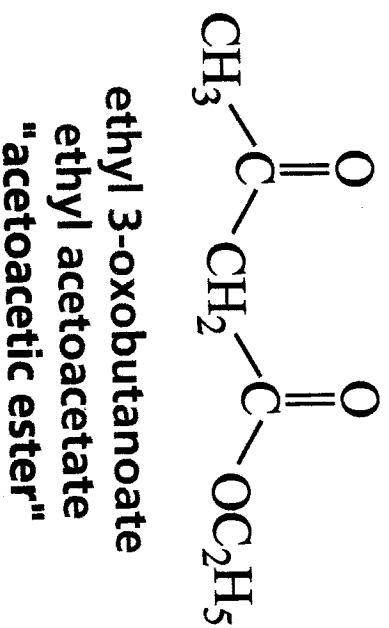
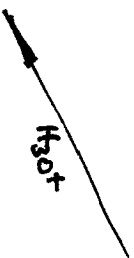


malonic ester





acetoacetic ester synthesis



from acetoacetic ester

from the alkyl halide

[substituted acetone]

Make 2-heptanone from reagents having only two or fewer carbons.



\therefore must add a 4-carbon alkyl halide to acetoacetic ester ...

