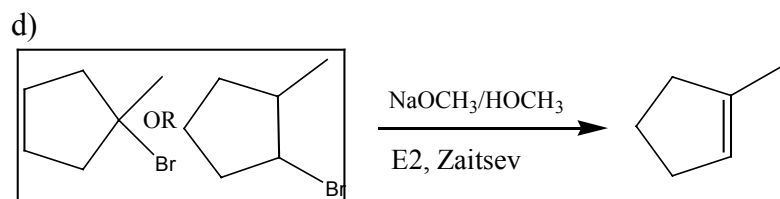
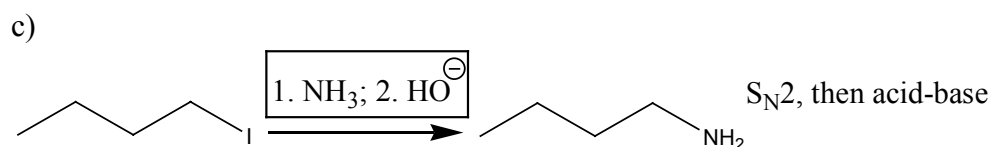
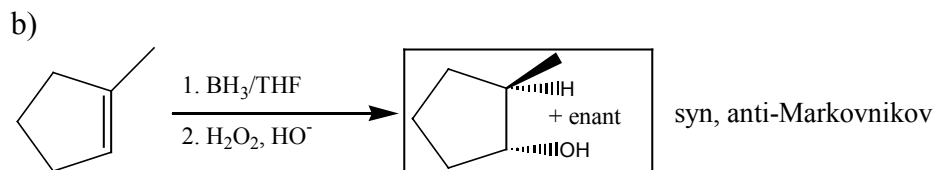
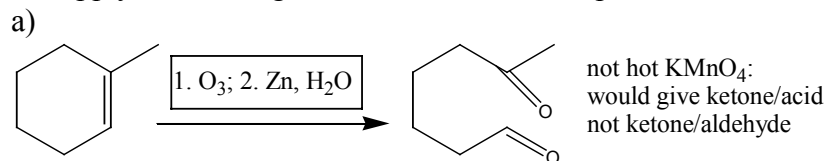
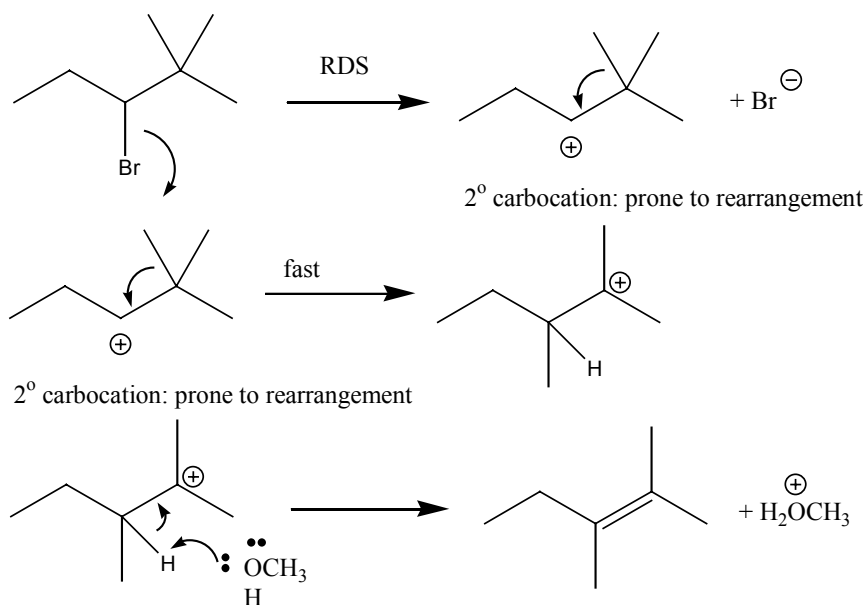


1. Supply the missing reactant, conditions, or product:



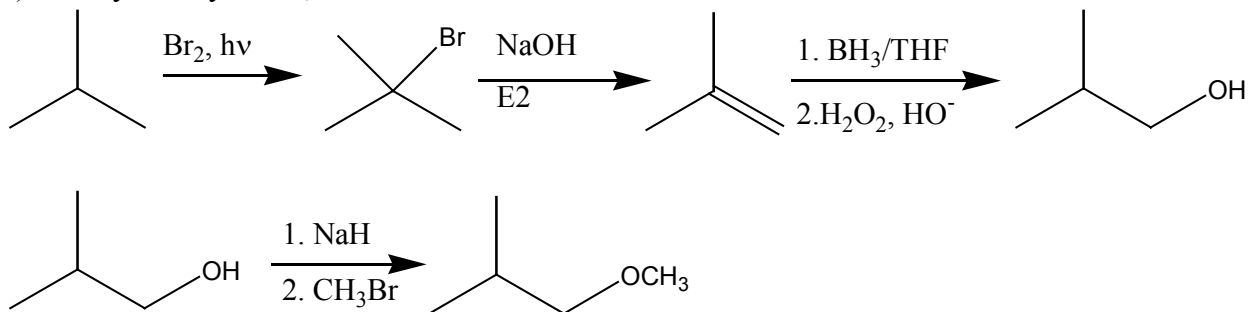
any other good leaving group could be used instead of Br

2. Propose a mechanism, including arrows, to account for the formation of the product.
 mechanism: E1 with rearrangement

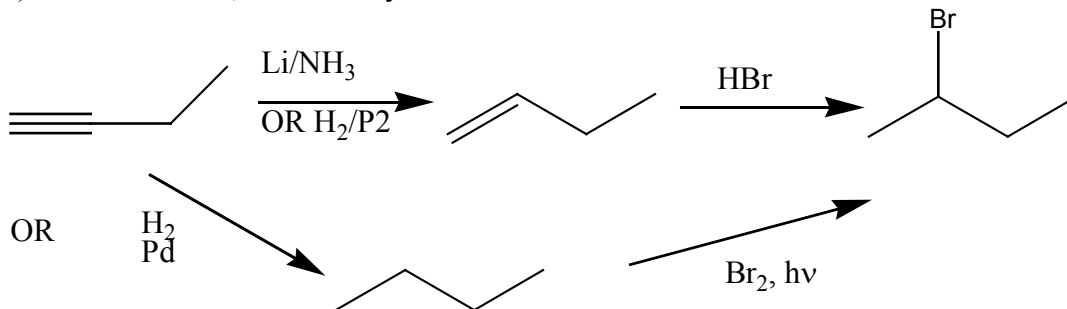


3. Suggest syntheses:

a) isobutyl methyl ether, from isobutane



b) 2-bromobutane, from 1-butyne



c)

