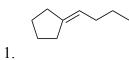
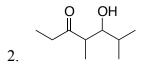
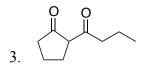
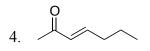
Some Practice Problems for the Carbonyls Test 3 RETROSYNTHESIS PRACTICE: Design synthesis for the following, FROM ALCOHOLS WITH NO MORE THAN 5 CARBONS. YOU MAY ALSO USE ESTERS, or any inorganic agents (PPh₃, PBr₃, PCC, H2CrO4, etc.)

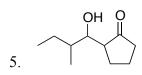


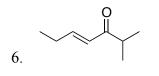
No other alkene structural isomers allowed (in other words, don't make an alcohol elimination reaction)

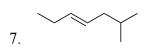


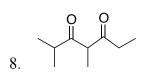


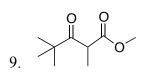












SYNTHESIS DESIGN PRACTICE: Provide Reagents for the Following Transformations. You may use anything you like, so long as you involve the starting chemical specified.

