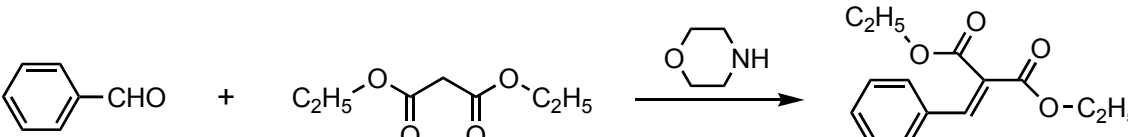
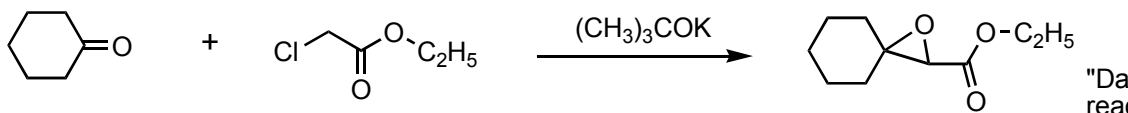
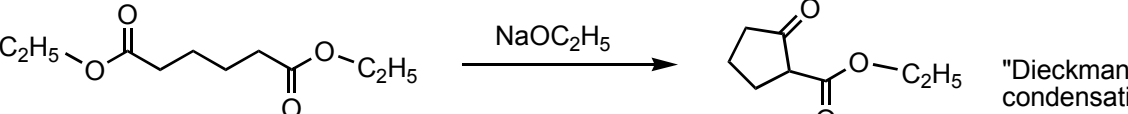
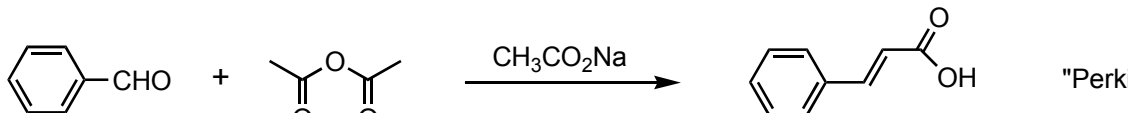
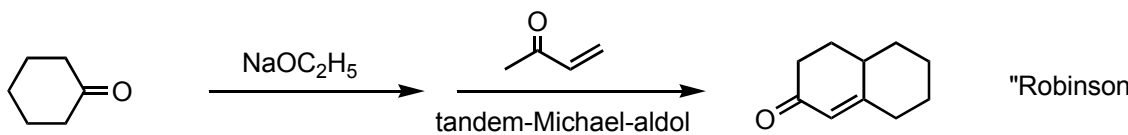
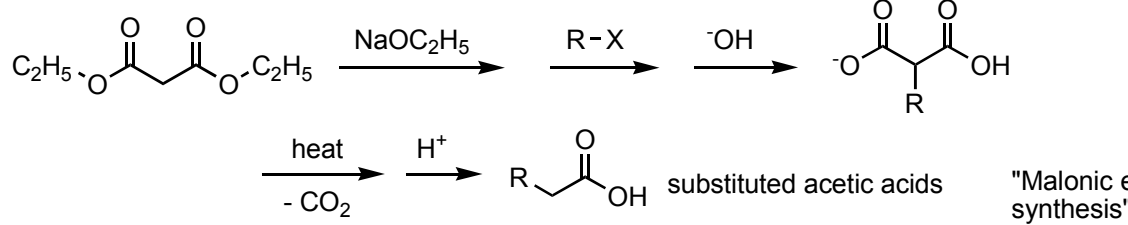
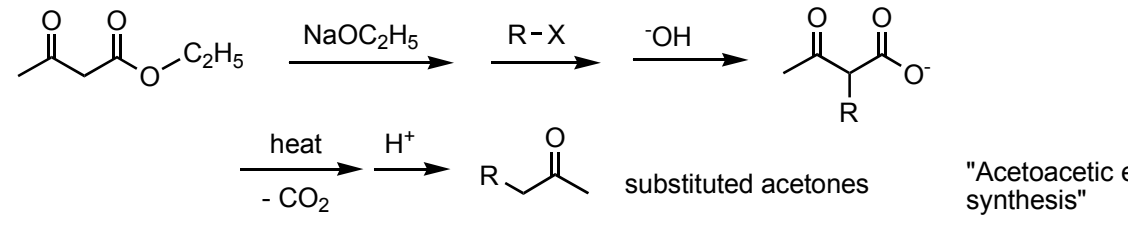
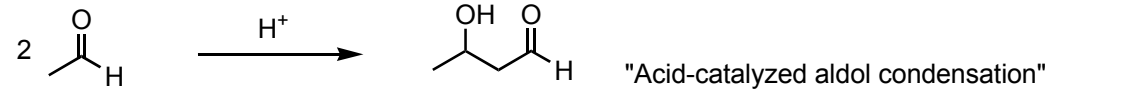
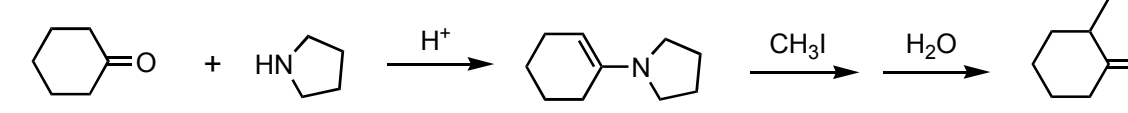


カルバニオンの反応 [(8, 9)を除く]

アニオンはプロトンと再結合すると失われるから、カルバニオン合成は塩基性条件下で行われる（カルボカチオンの反応は反対に酸性条件で行われることが多い）。

以下の反応はすべて aldol/Claisen 縮合の亜流である。機構を考えよ。

- (1)  "Knoevenagel reaction"
- (2)  "Darzens reaction"
- (3)  "Dieckmann condensation"
- (4)  "Perkin reaction"
- (5)  "Robinson annulation"
- (6)  substituted acetic acids "Malonic ester synthesis"
- (7)  substituted acetones "Acetoacetic ester synthesis"
- (8)  "Acid-catalyzed aldol condensation"
- (9)  enamine "Enamine synthesis"