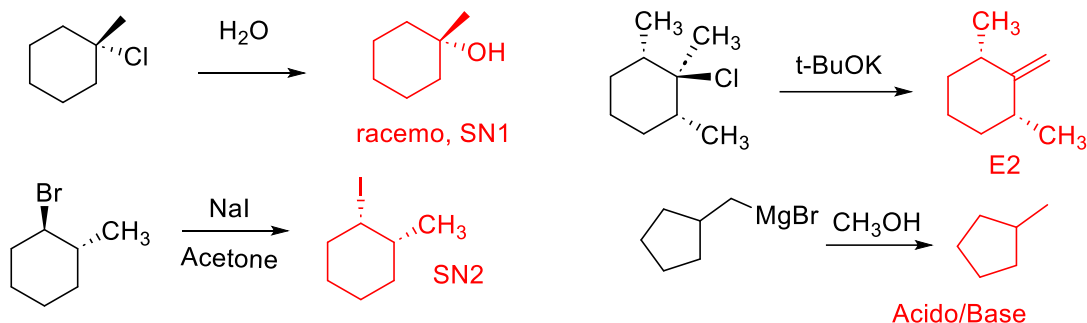
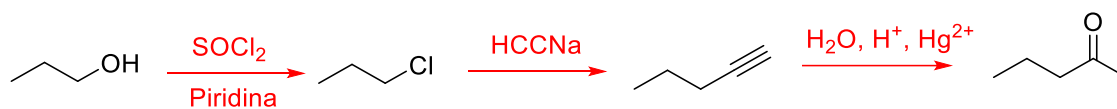


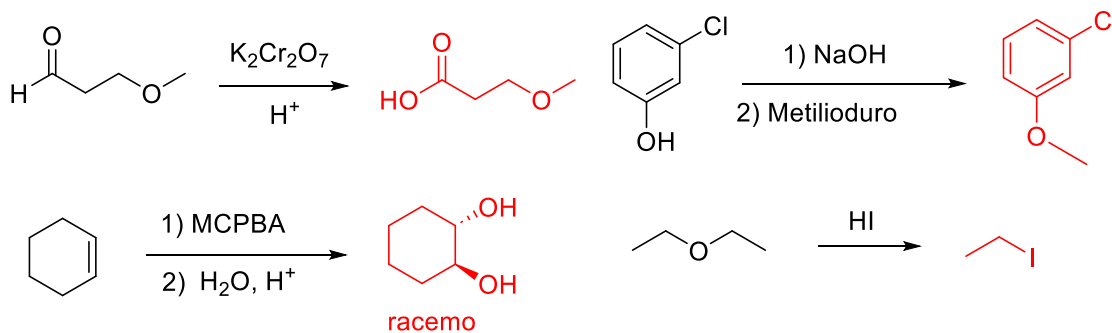
1) Scrivere i prodotti delle seguenti reazioni indicando anche la loro stereochimica, se rilevante, e il tipo di meccanismo con cui avviene la reazione.



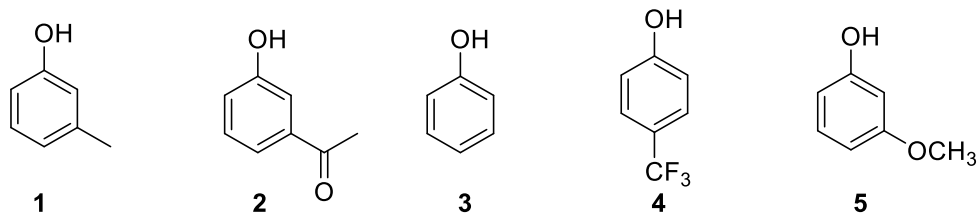
2) Proporre una via sintetica per preparare il 2-pentanone da *n*-propanolo



3) Scrivere i prodotti delle seguenti reazioni indicando anche la loro stereochimica, se rilevante.

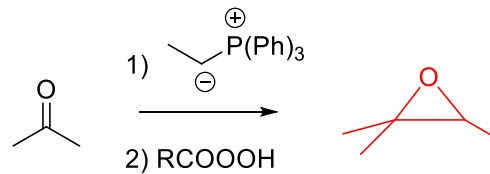
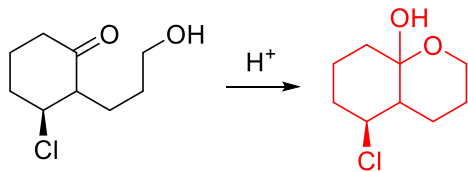
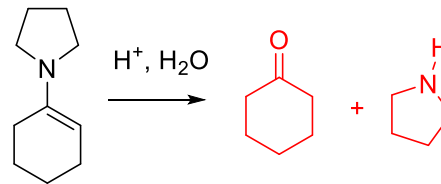
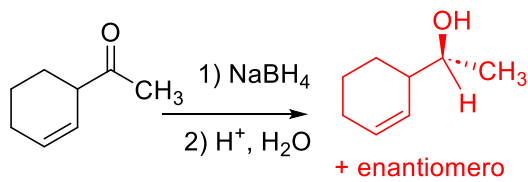


4) Mettere in ordine di acidità crescente i seguenti fenoli:

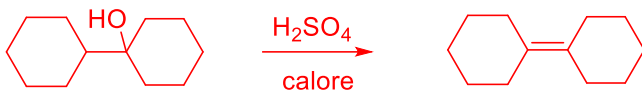
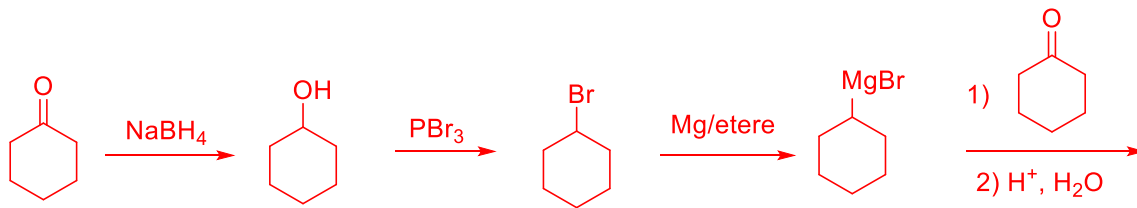
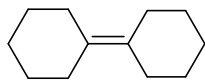


5 < 1 < 3 < 2 < 4

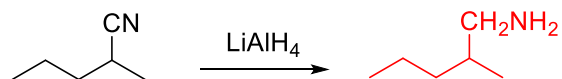
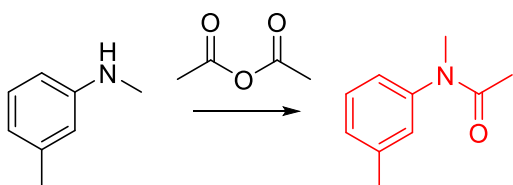
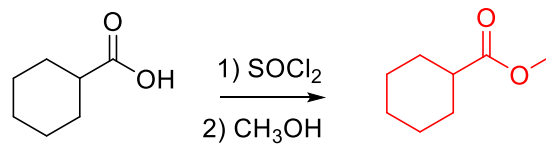
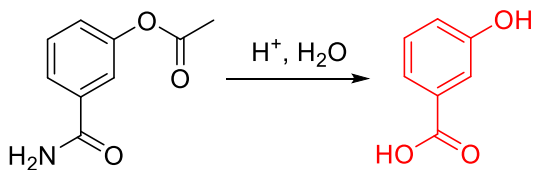
5) Scrivere i prodotti delle seguenti reazioni



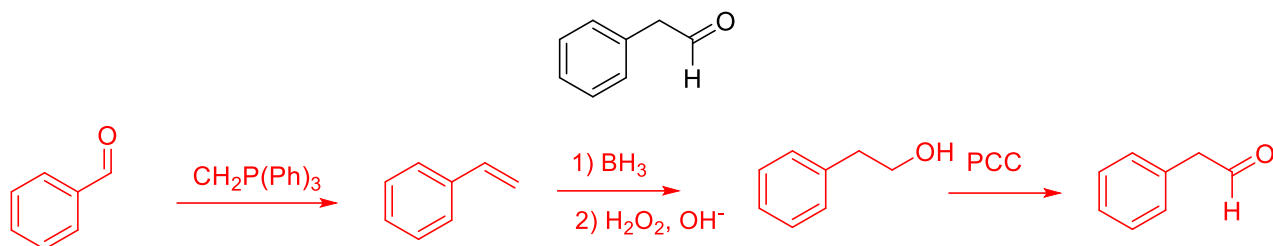
6) Proporre una sintesi del composto sotto illustrato utilizzando solo il cicloesanoone come fonte di atomi di carbonio.



7) Scrivere i prodotti delle seguenti reazioni



8) Proporre una sequenza di reazioni per preparare il seguente prodotto a partire dalla benzaldeide (benzenecarbaldehyde).



9) Indicare per ciascuna delle seguenti coppie di composti quello con il miglior gruppo uscente:

