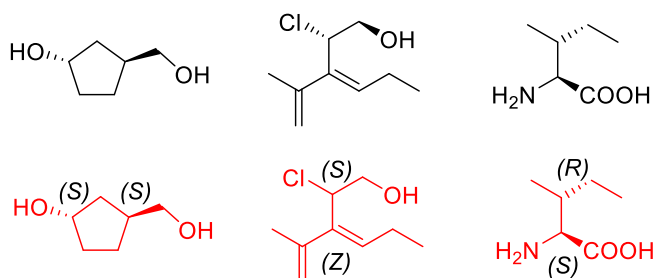
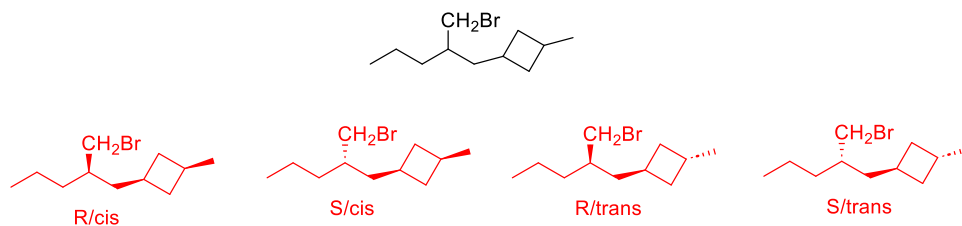


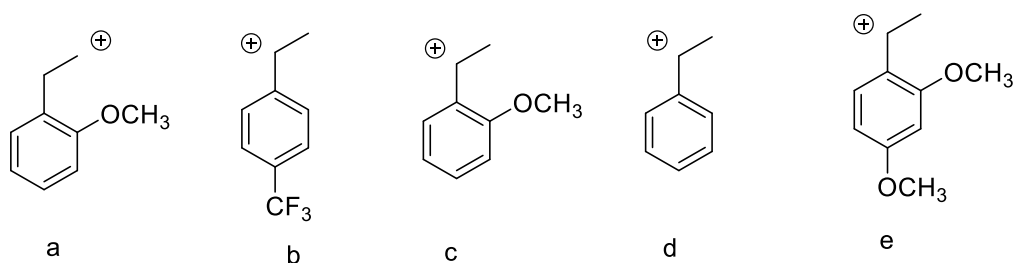
1) Assegnare la configurazione dei centri stereogenici e dei doppi legami presenti nelle seguenti molecole



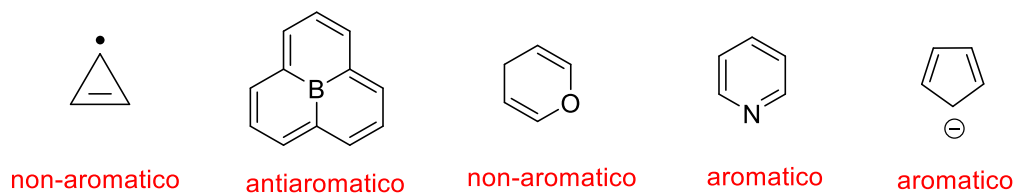
2) Disegnare ed assegnare la configurazione a tutti gli stereoisomeri della seguente molecola. Identificare le eventuali coppie di enantiomeri.



3) Ordinare in ordine di stabilità crescente i seguenti carbocationi.



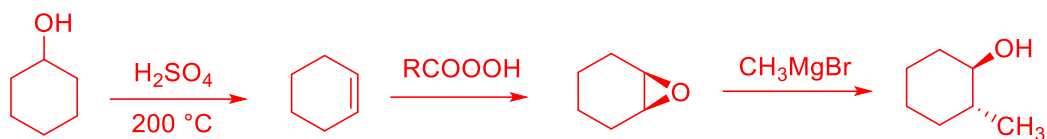
4) Determinare quali dei seguenti composti sono aromatici, antiaromatici o non aromatici.



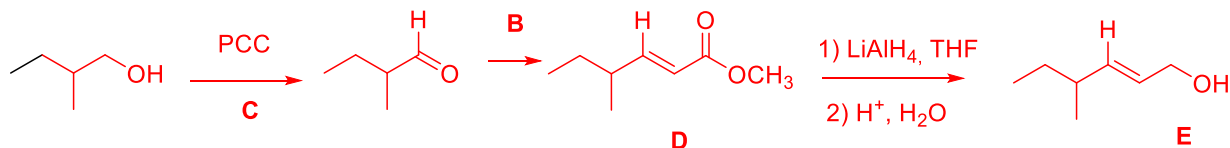
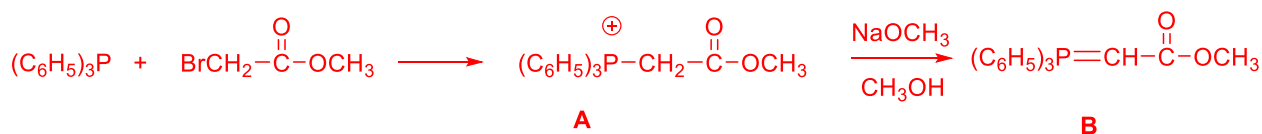
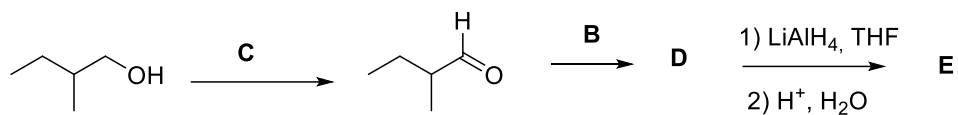
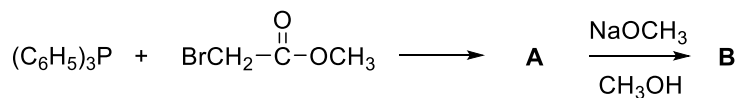
5) Mettere in ordine crescente di nucleofilicità i seguenti composti: CH_3S^- , ione acetato, H_2O , CH_3OH_2^+ , OH^- .



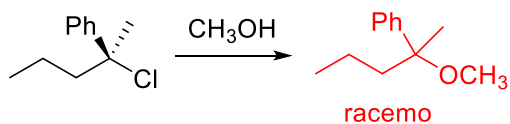
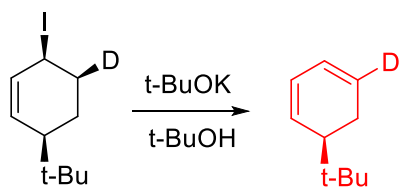
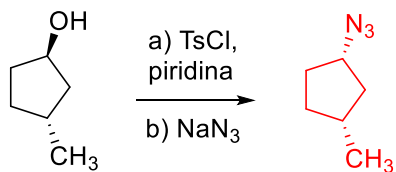
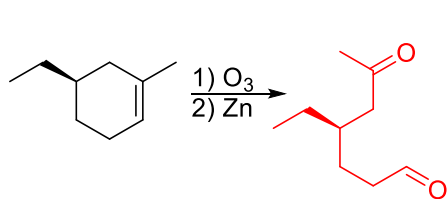
6) Proporre una via sintetica per preparare il trans-1,2-metilcicloesano a partire da cicloesano



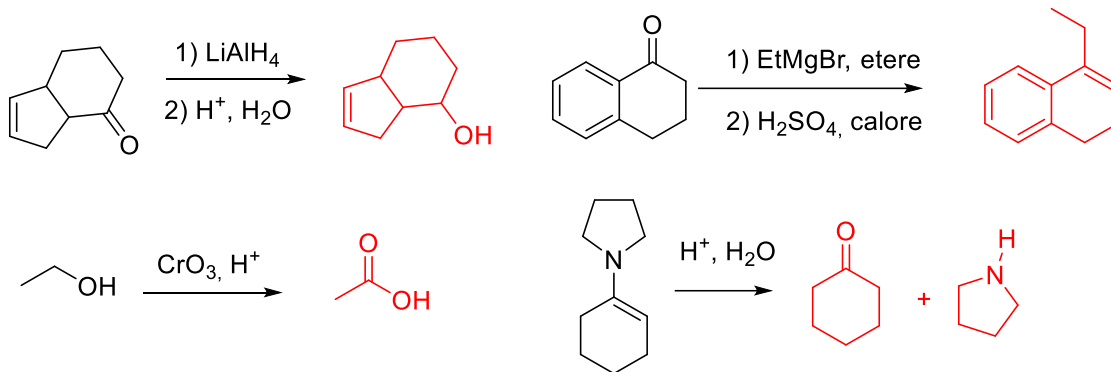
7) Completare con i reagenti e i prodotti mancanti il seguente schema di reazioni.



8) Scrivere i prodotti principali delle seguenti reazioni indicando la stereochimica se rilevante:



9) Scrivere i prodotti principali delle seguenti reazioni



10) Scrivere i prodotti delle seguenti reazioni.

