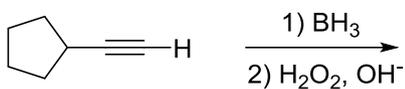
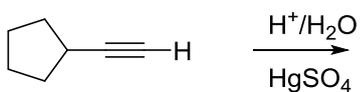
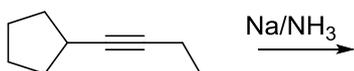
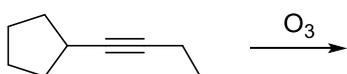
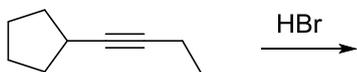
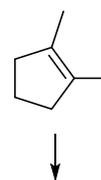
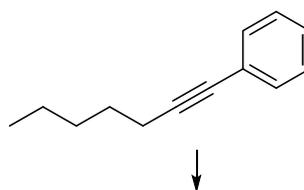
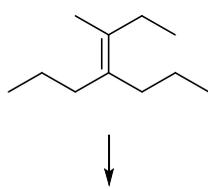
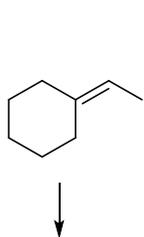


Alchini e dieni coniugati

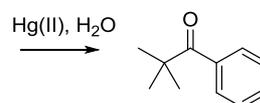
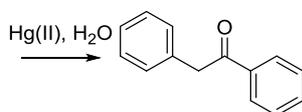
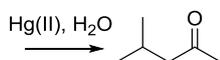
1) Scrivere i prodotti delle seguenti reazioni



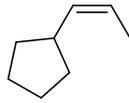
2) Quali prodotti si ottengono dalla idrogenazione catalitica delle seguenti molecole utilizzando Pd/C come catalizzatore? Indicare la stereochimica.



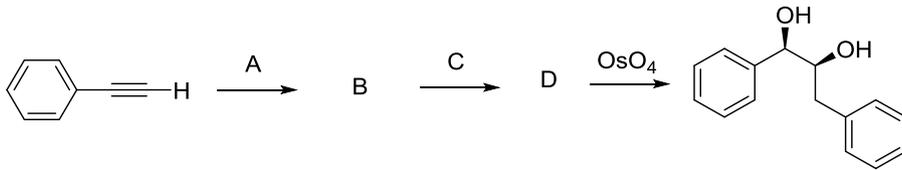
3) Indicare da quali alchini possono essere ottenuti i seguenti composti carbonilici per idratazione:



4) Proporre una sintesi per il seguente composto a partire dal propene.

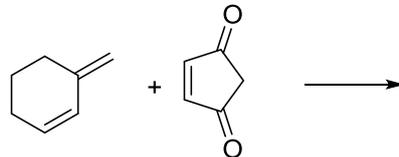
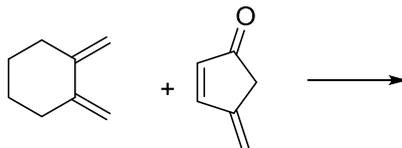
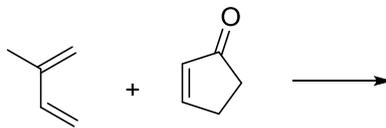
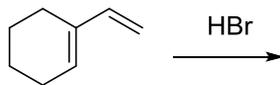


5) Completare la seguente sintesi indicando le strutture dei reagenti e intermedi A, B, C, D



6) Scrivere tutti gli stereoisomeri del 1-fenil-1,3-pentadiene

7) Indicare tutti i possibili prodotti delle seguenti reazioni.



7) Indicare da quali precursori si può ottenere la seguente molecola, attraverso una reazione di cicloaddizione di Diels-Alder.

