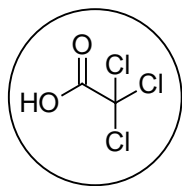
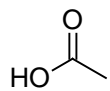
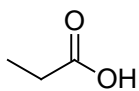
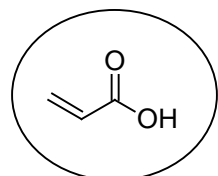


Z dvojíc vyberte kyslejšíu zlúčeninu:

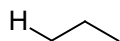
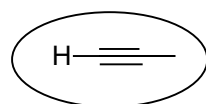
1.



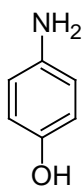
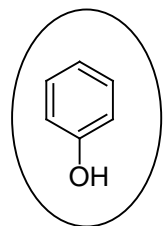
2.



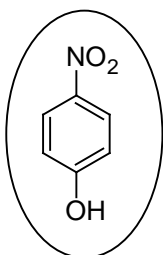
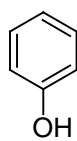
3.



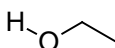
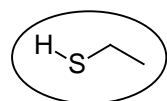
4.



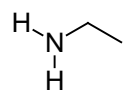
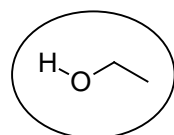
5.



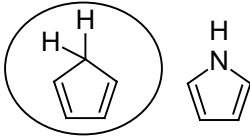
6.



7.



8.

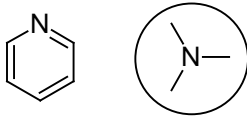


Z dvojíc vyberte bázickejšiu zlúčeninu:

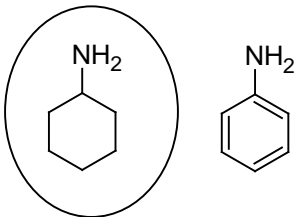
1.



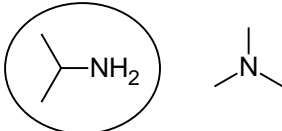
2.



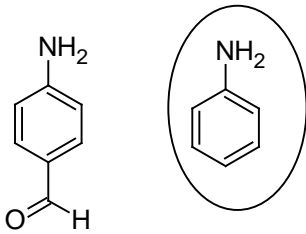
3.



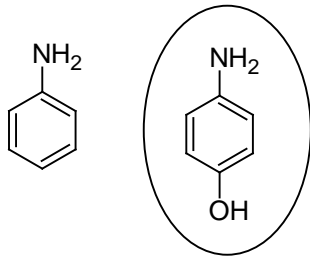
4.



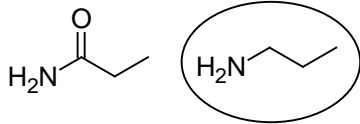
5.



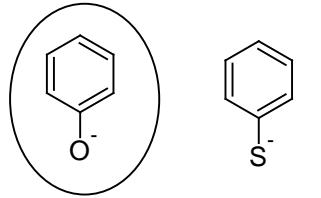
6.



7.

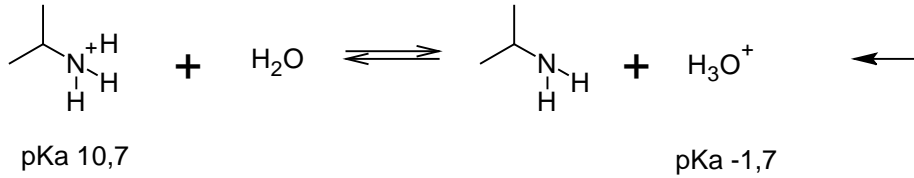


8.

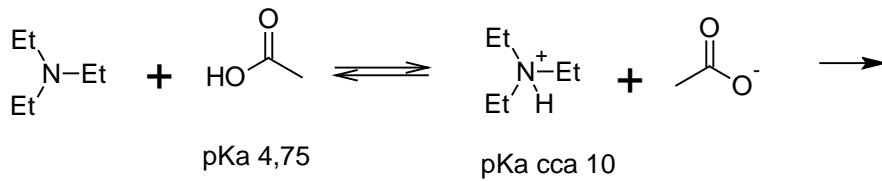


Šípkami naznačte posun acidobázickej rovnováhy (zároveň si všimnite, že sa zachováva celkový náboj na oboch stranách rovnováhy):

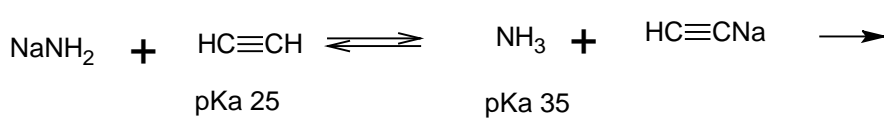
1.



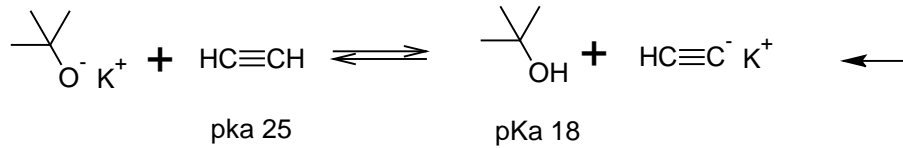
2.



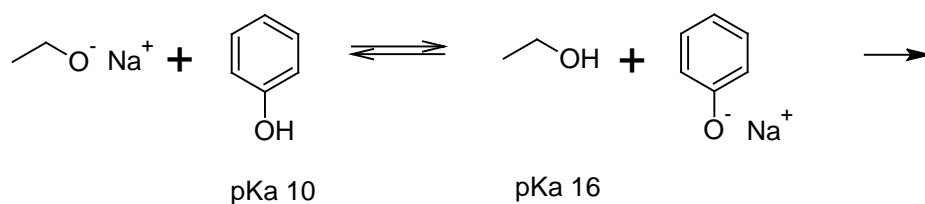
3.



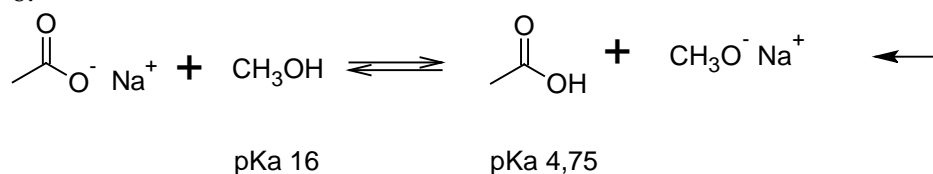
4.



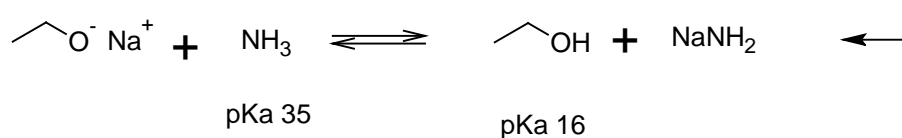
5.



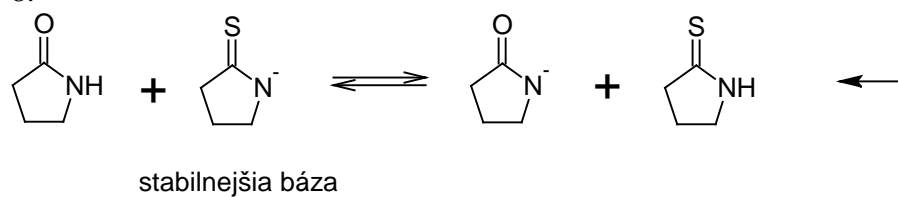
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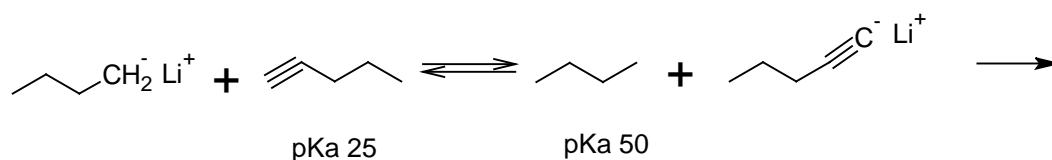
7.



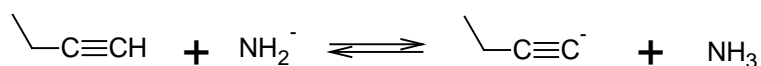
8.



9.

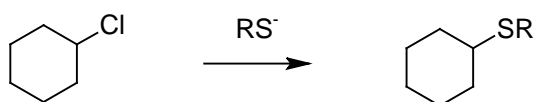
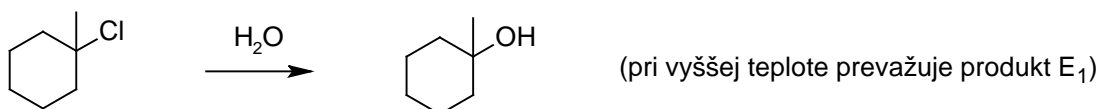
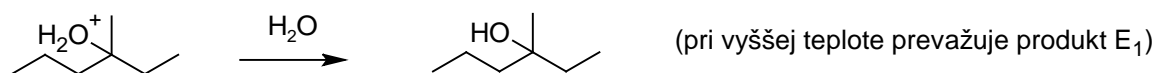
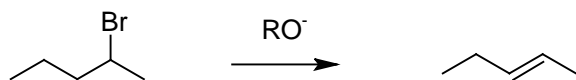
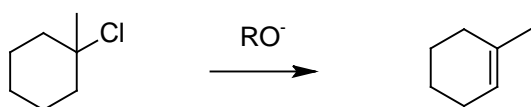
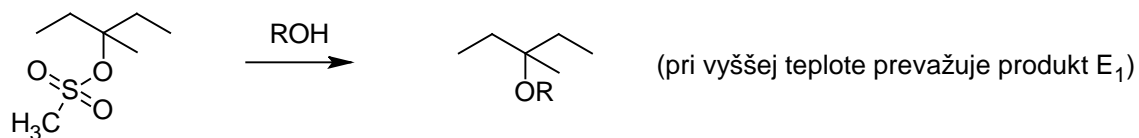
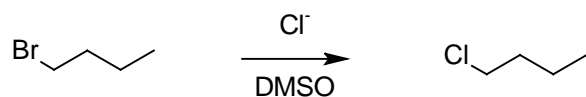
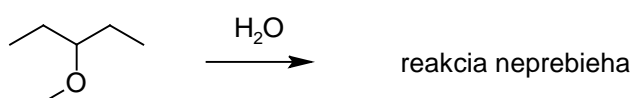
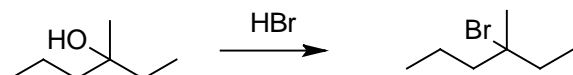
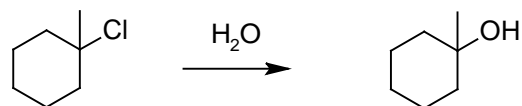
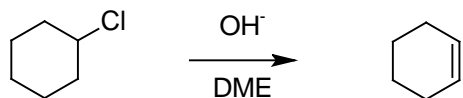


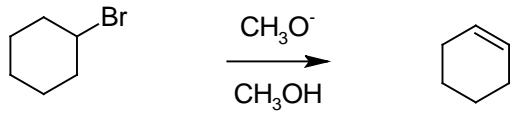
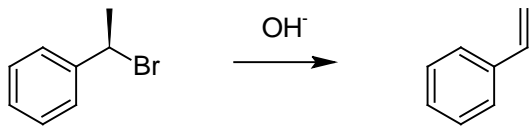
10. Bonusová otázka: Bol by ethanol vhodným rozpúšťadlom pre nasledujúcu deprotonáciu? Vysvetlite.



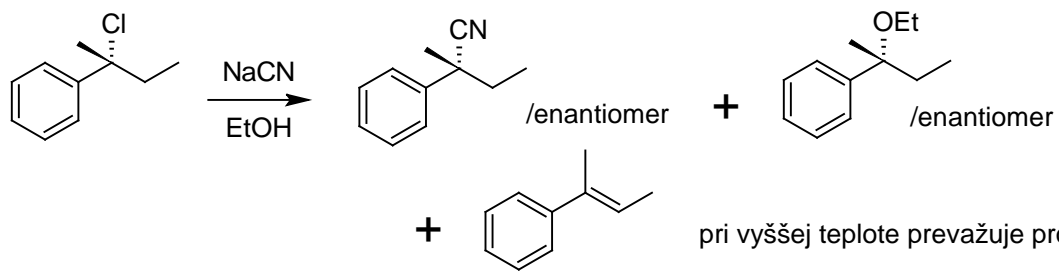
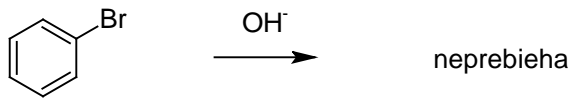
EtOH nie je vhodným rozpúšťadlom, pretože by sa deprotonoval prednostne EtOH (pK<sub>a</sub> 16) a nevznikal by alkyndový anión (pK<sub>a</sub> kyseliny cca 25).

Aký hlavný produkt očakávate v uvedených reakciách?

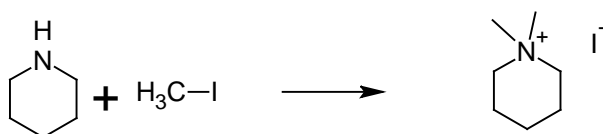
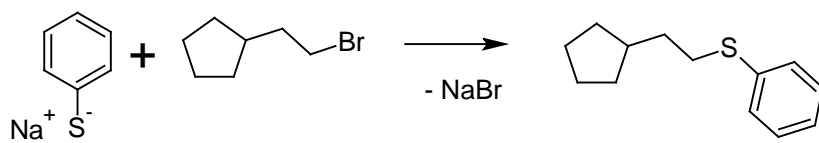
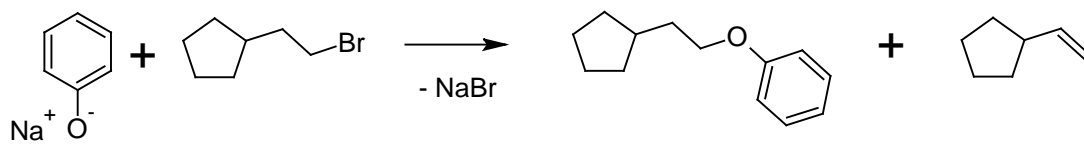
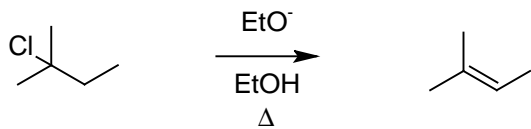
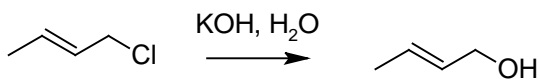


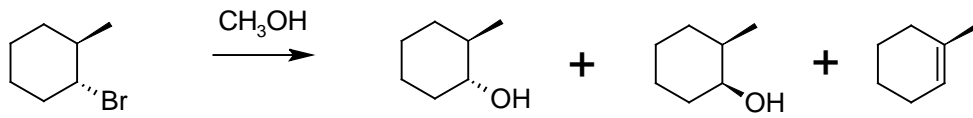
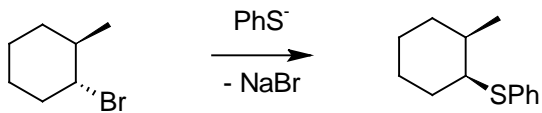


pri vyššej teplote prevažuje produkt E<sub>1</sub>

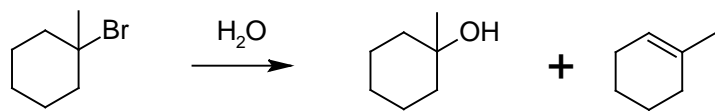
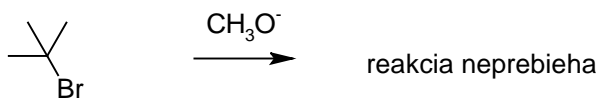
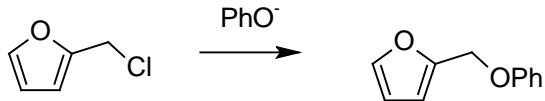


pri vyššej teplote prevažuje produkt E<sub>1</sub>

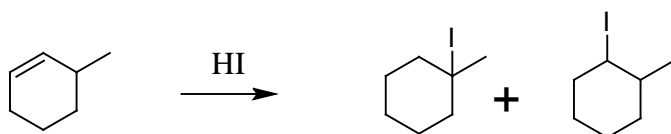
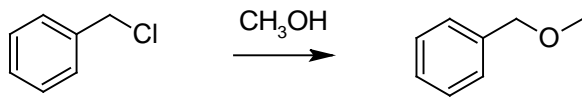
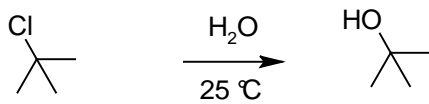
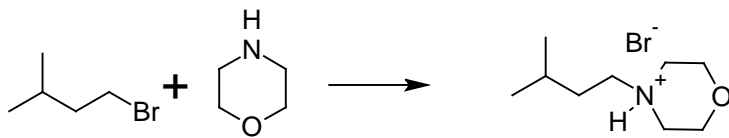
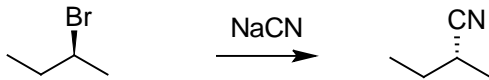




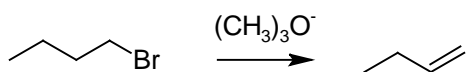
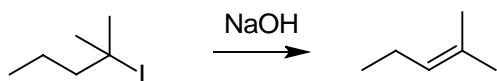
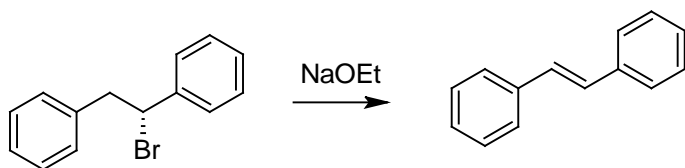
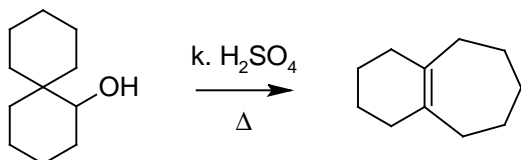
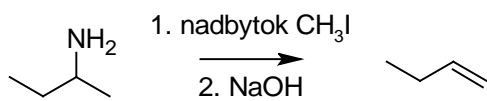
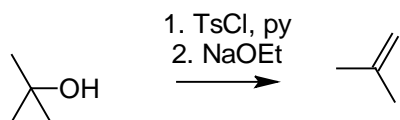
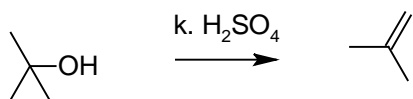
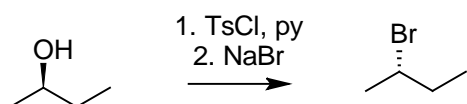
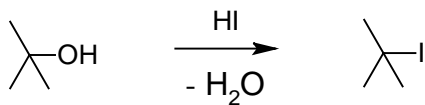
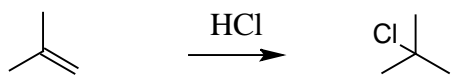
pri vyššej teplote prevažuje E1



pri vyššej teplote prevažuje E1



hlavný

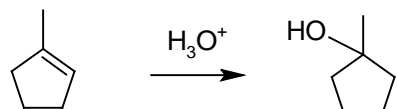
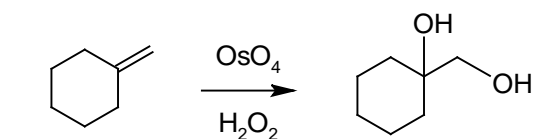
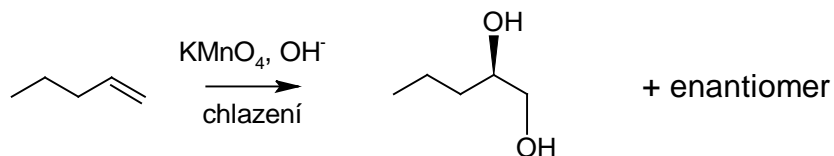
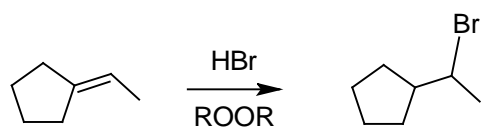
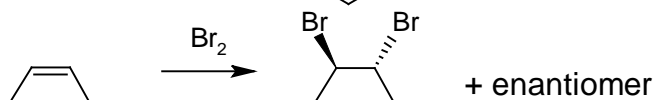
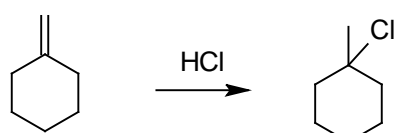
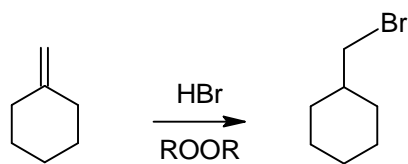
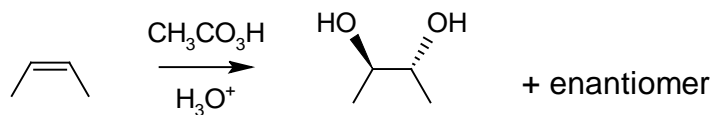
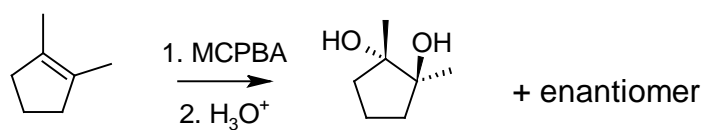


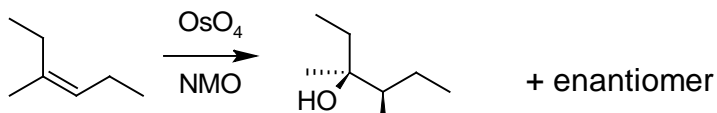
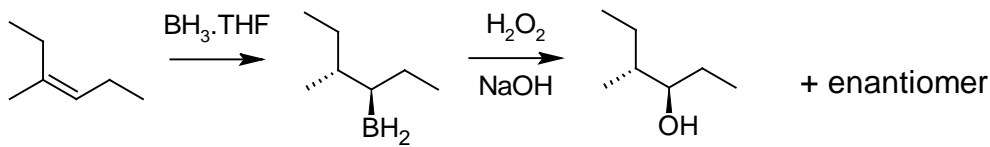
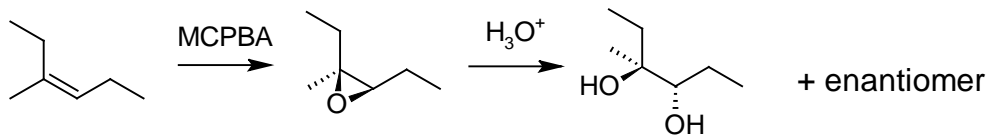
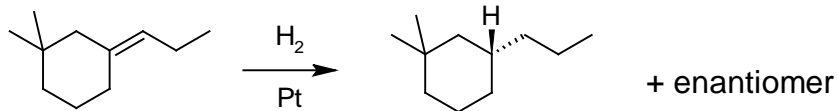
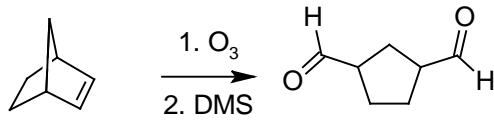
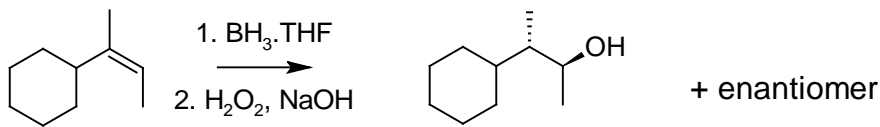
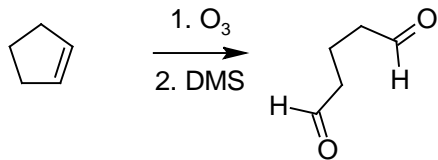
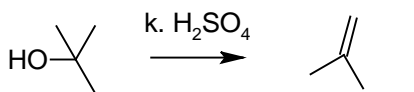
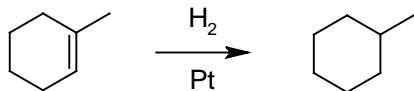
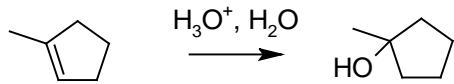
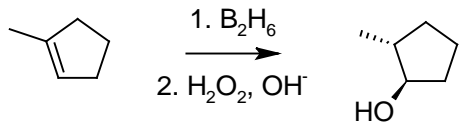
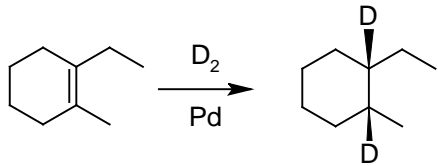


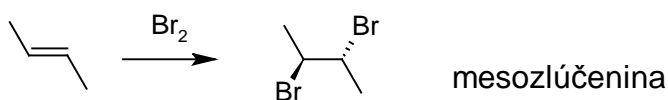
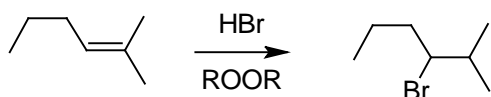
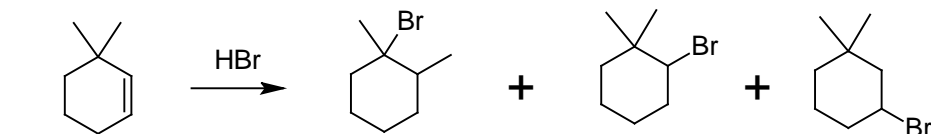
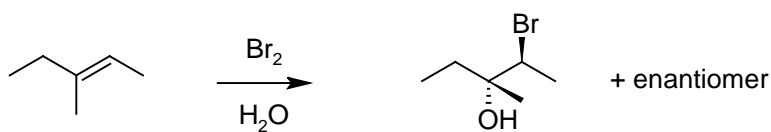
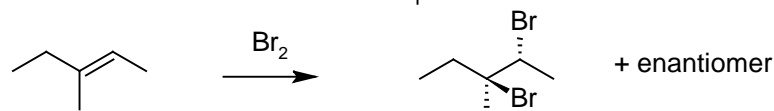
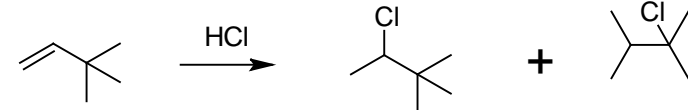
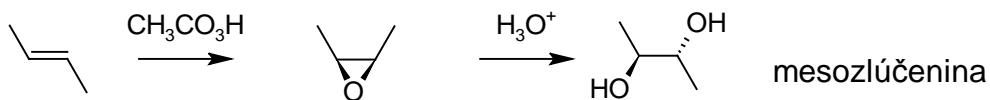
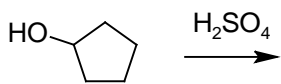
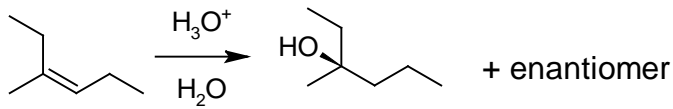
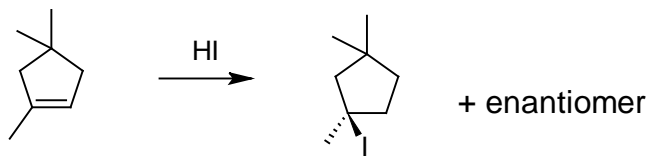
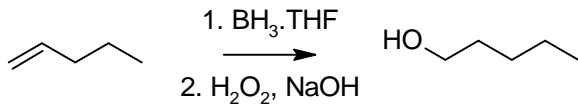
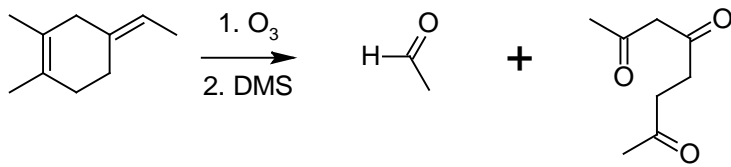
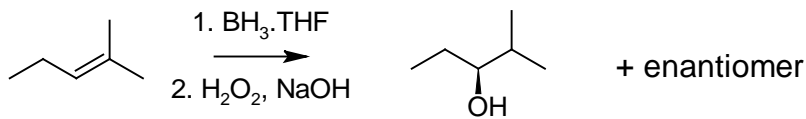
Z vybraných dvojic zakrúžkujte lepší nukleofil:



Nakreslite produkt(y):







Ako by ste previedli nasledujúce reakcie?

