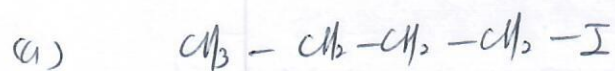


Problem 10-1-1

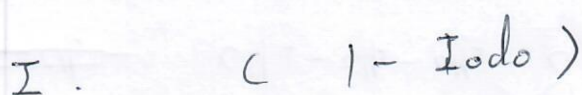
Q: IUPAC name ?



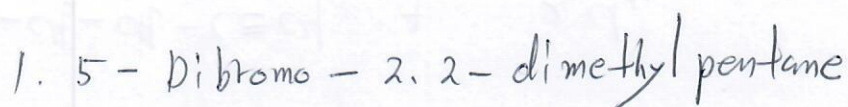
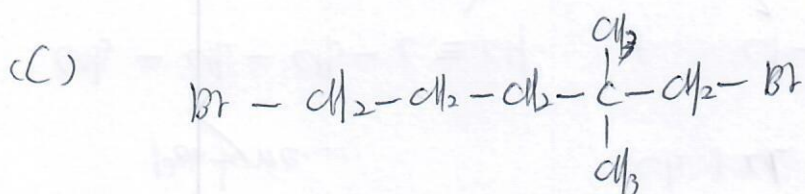
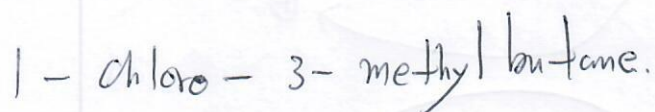
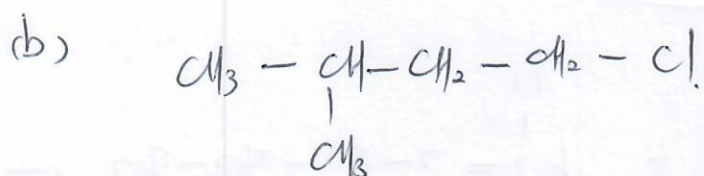
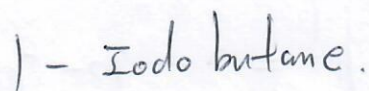
① Find the parent.



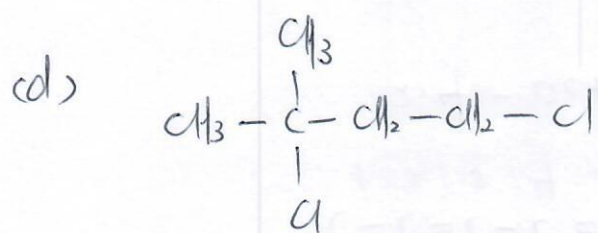
② Find the substituent.



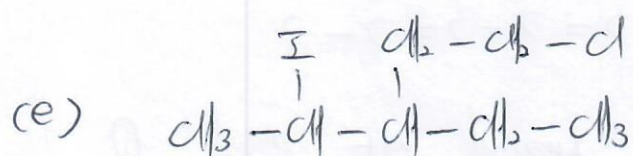
③ write full name



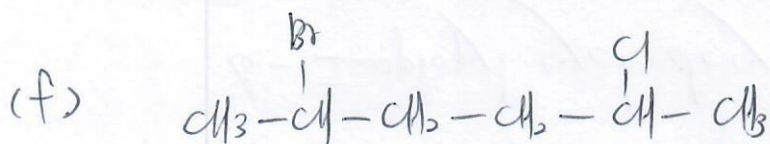
Problem 10-1-2



1, 3 - Dichloro - 3 - methyl butane



1 - chloro - 3 - ethyl - 4 - iodopentane.

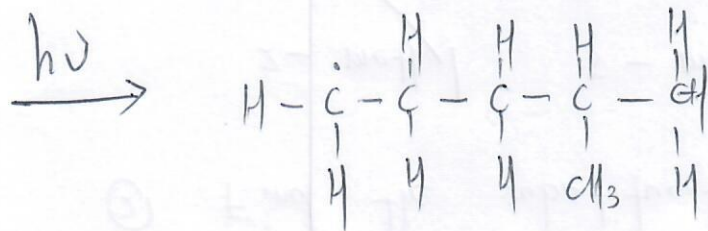
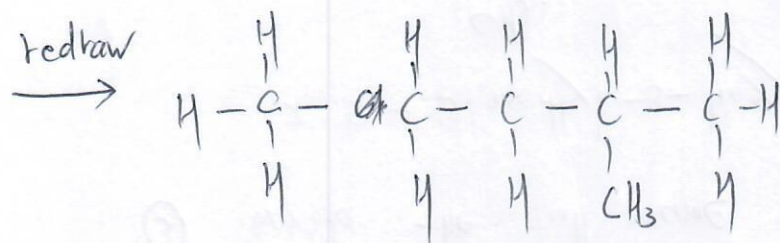
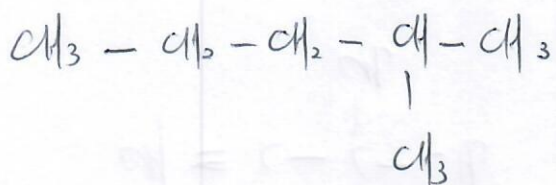


2 - Bromo - 5 - chlorohexane.

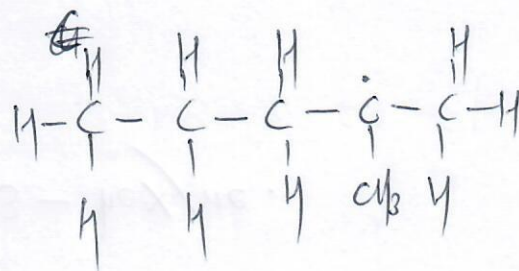
problem 10-3-1

Q1. What are products from rxn?

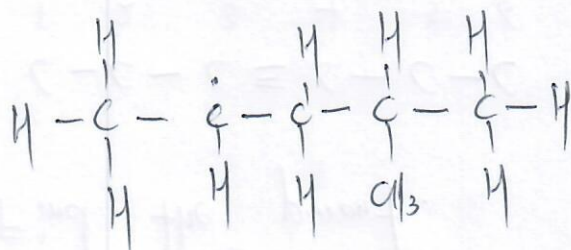
Ch¹tal ?



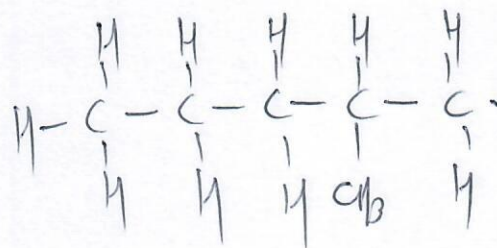
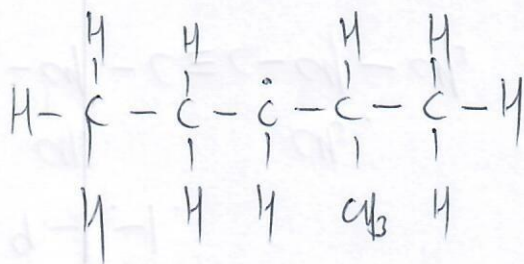
02



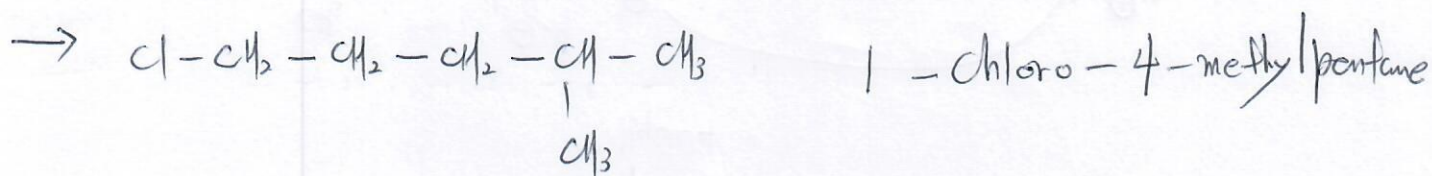
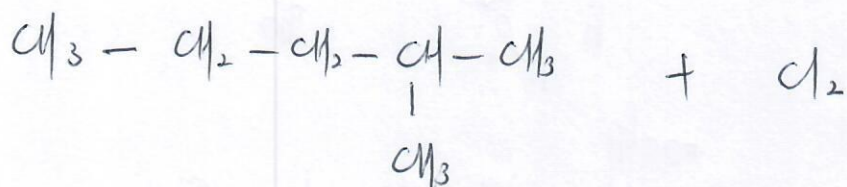
9



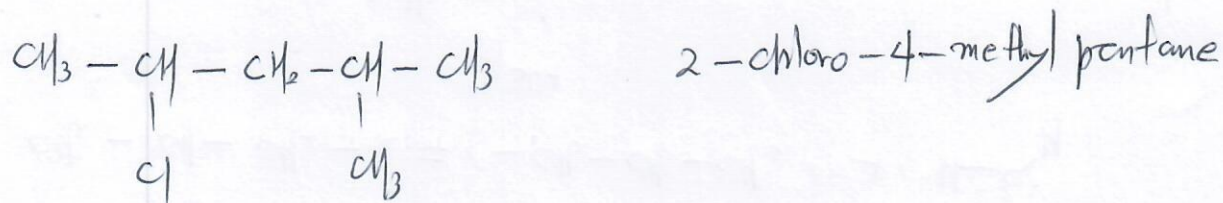
or



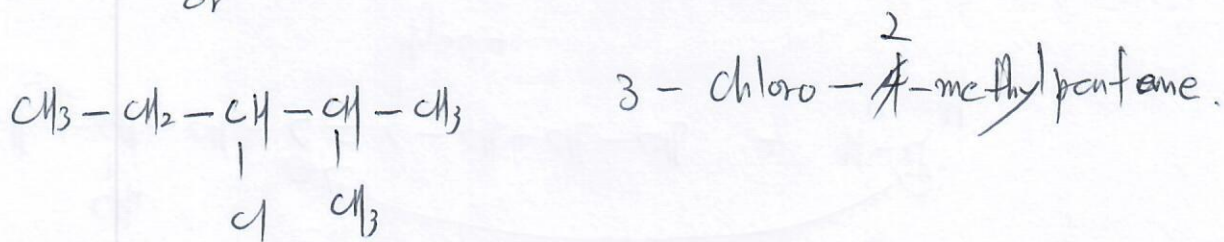
Problem 10-3-2



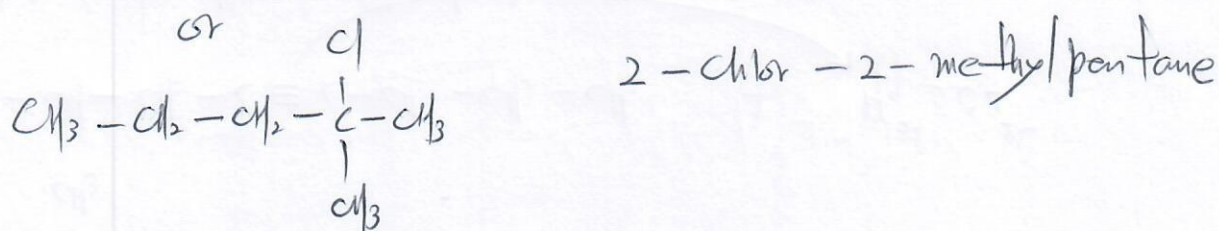
or



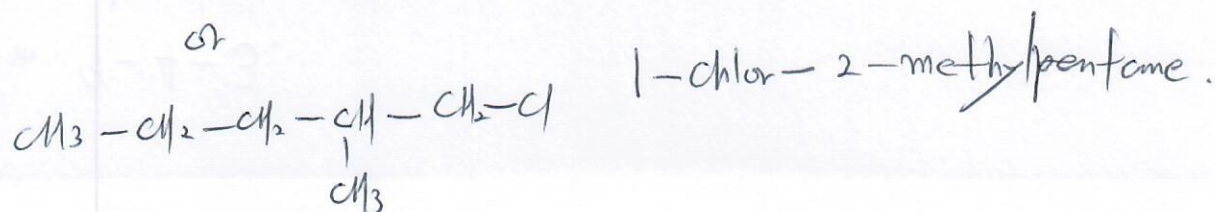
or



or



or



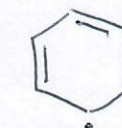
Problem 10-5



redraw
→



redraw
→



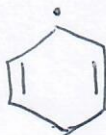
or



Same



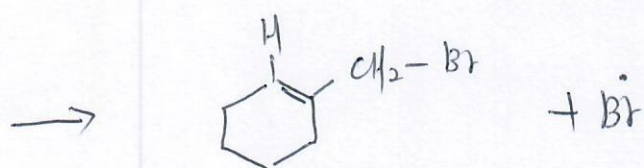
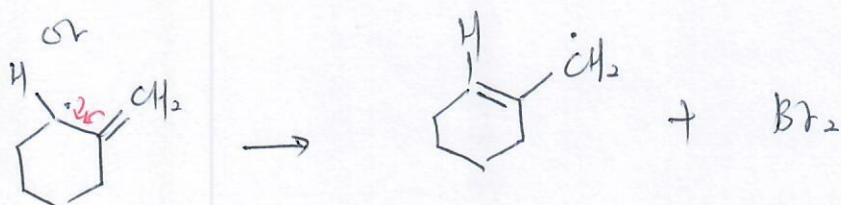
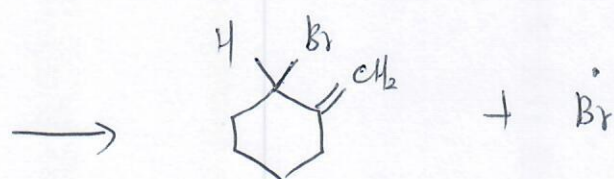
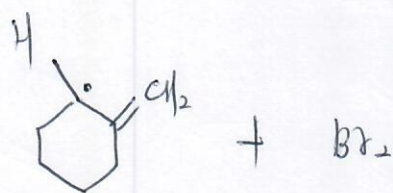
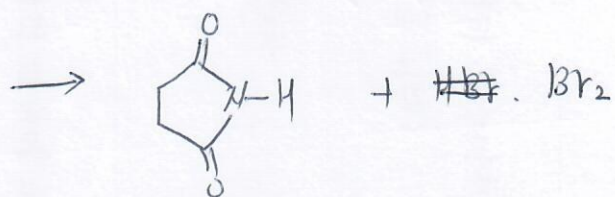
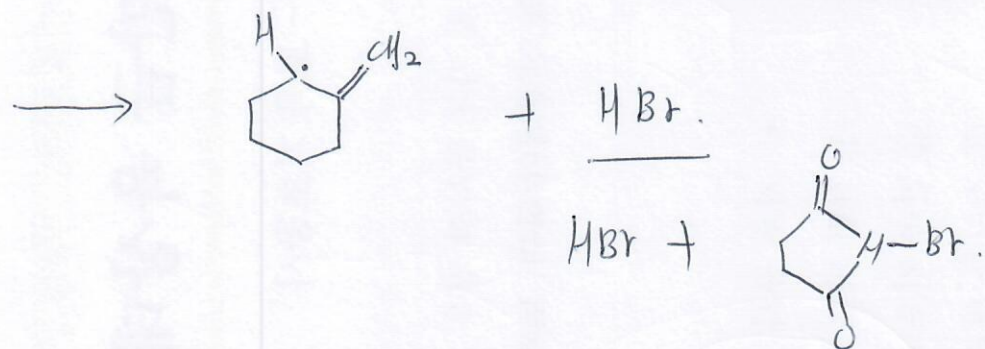
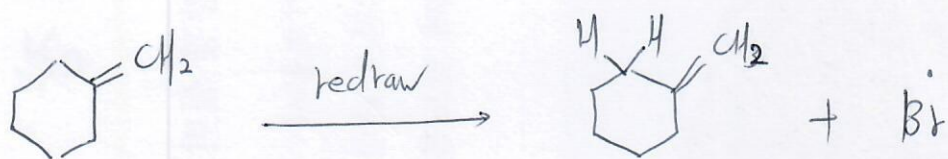
redraw
→



Three resonance structures are

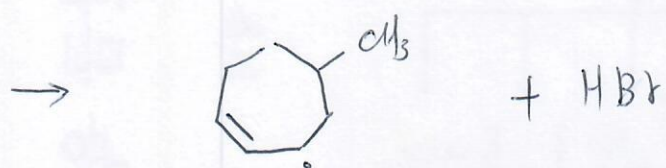
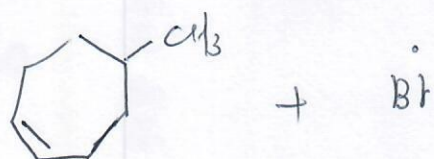


problem 10-6.

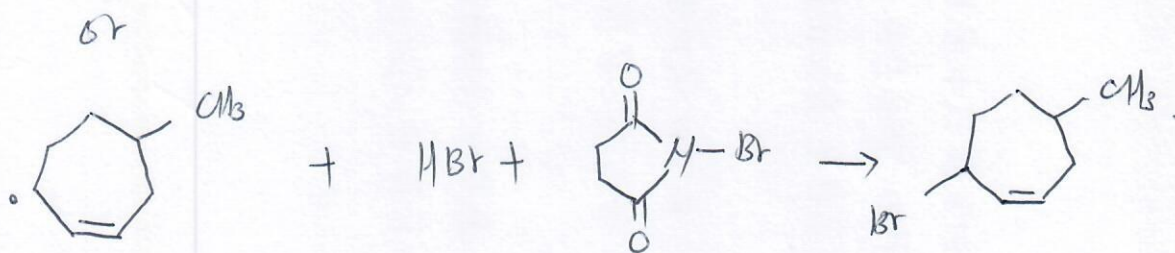
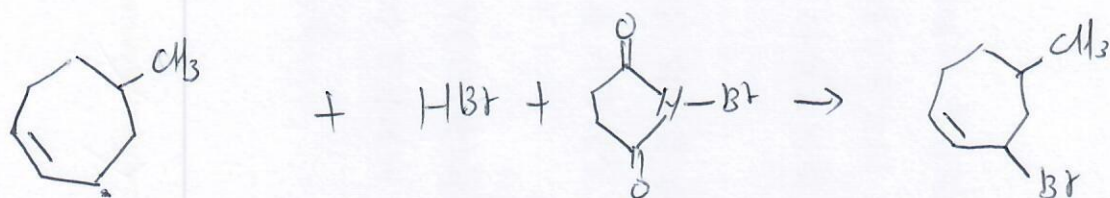
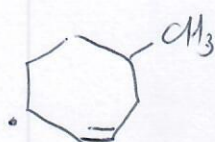


Problem 10-7-1

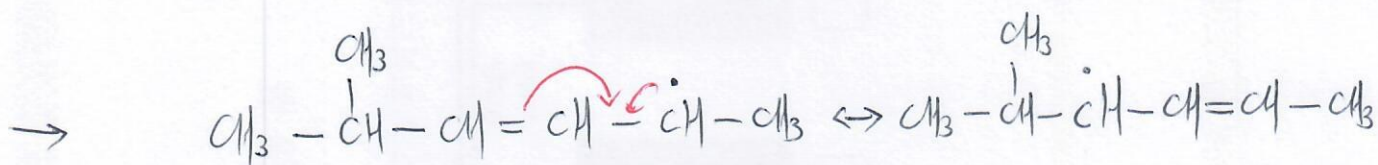
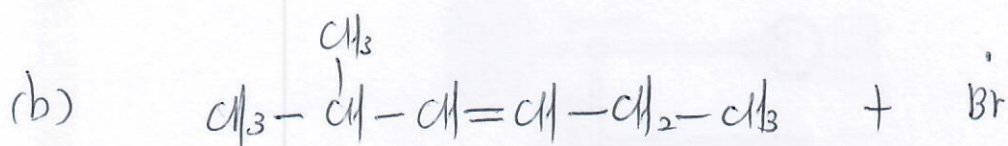
(a)



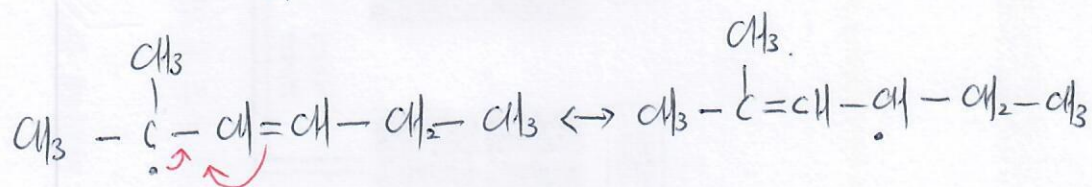
↕ resonance



Problem 10-7-2

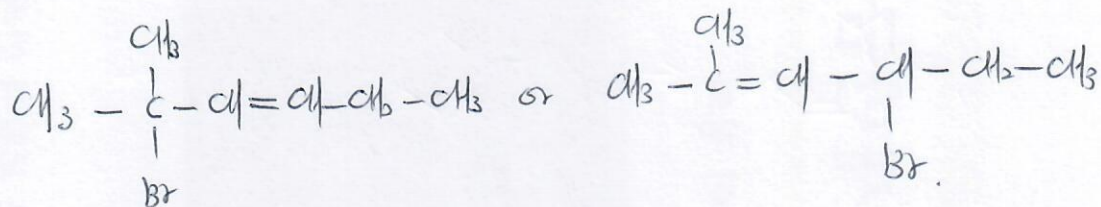
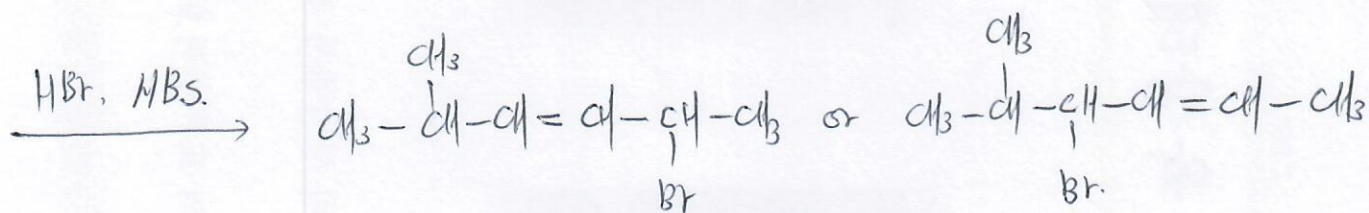


or



Two different allylic radicals.

\rightarrow ~~Four different~~



Four different bromo hexenes.