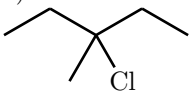
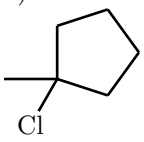
Øving 6

Oppgave 1

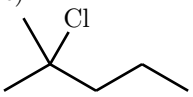
a)



b)



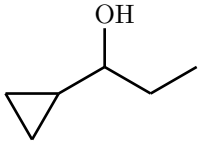
c)



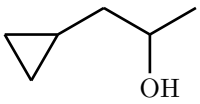
Oppgave 2

Stoff nummer 2 vil reagere fortest for det kan danne tertiert karbokation.

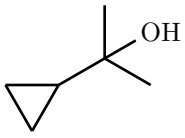
1:



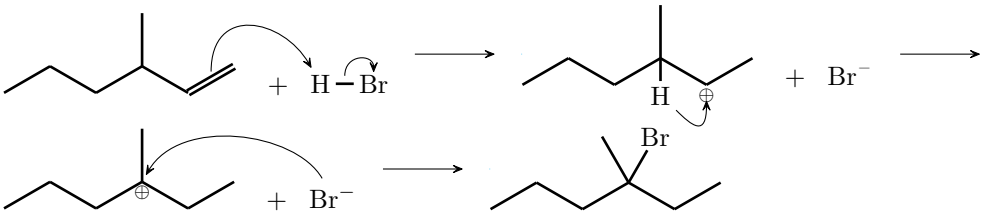
+



2:

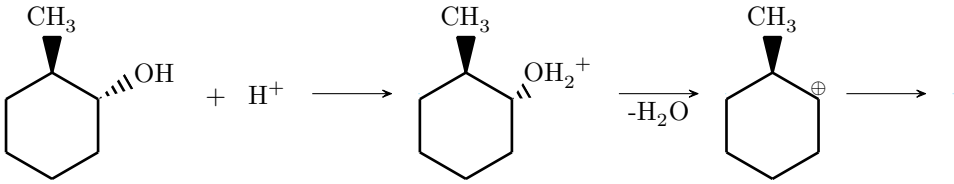


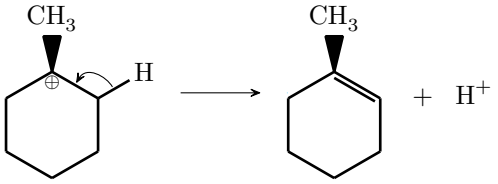
Oppgave 3



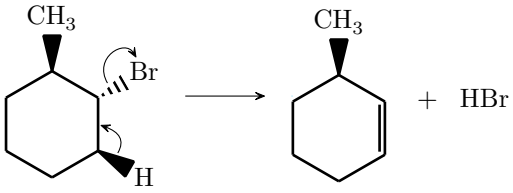
Oppgave 4

1: E1 mekanisme



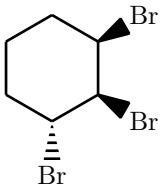


2: E2 mekanisme

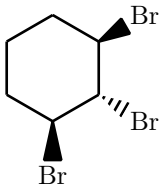


Oppgave 5

Optisk aktiv:

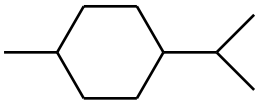


Optisk inaktiv (meso):

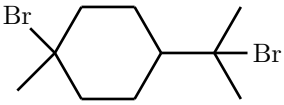


Oppgave 6

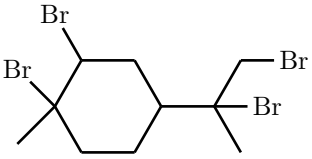
a)



b)



c)



Oppgave 7

I Stoffet vil metylgruppen stå aksialt og hvis begge ringene er stolkomfirmert vil det bare være en mulighet for diaksiale bindinger på karbonatomene i dobbeltbindingen, siden det ikke på noen fornuftig måte er mulig å omkomfirmere den bisykliske ringen og endre hvilke bindinger som er aksial og ekvatorial. Det stabile produktet er da: