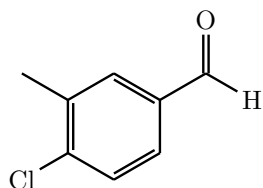


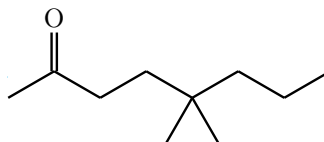
## Øving 12

### Oppgave 1

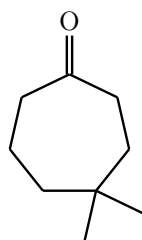
a)



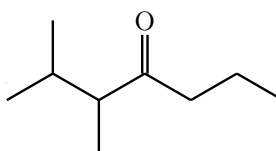
b)



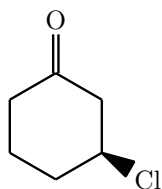
c)



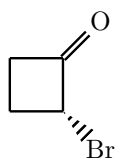
d)



e)



f)



### Oppgave 2

a)

Okt-3-en-2-on

b)

4-oktanon

c)

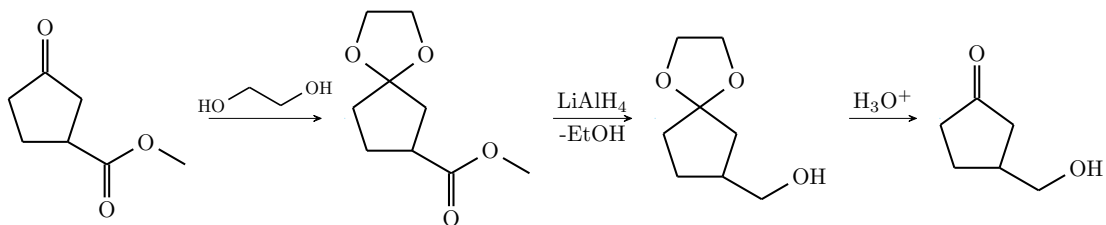
3-fenylpropenal

d)

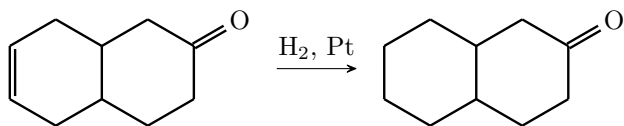
5-Bromheptanal

### Oppgave 3

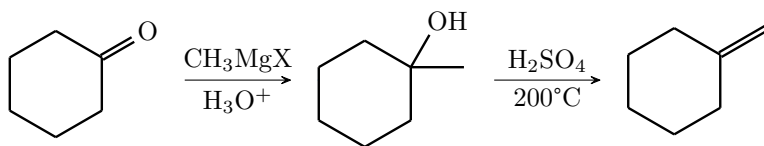
a)



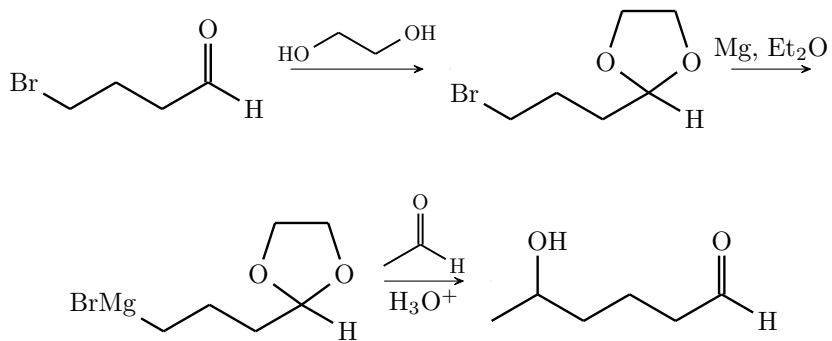
b)



c)

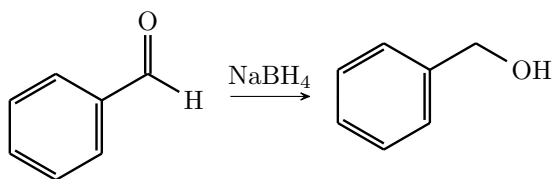


### Oppgave 4

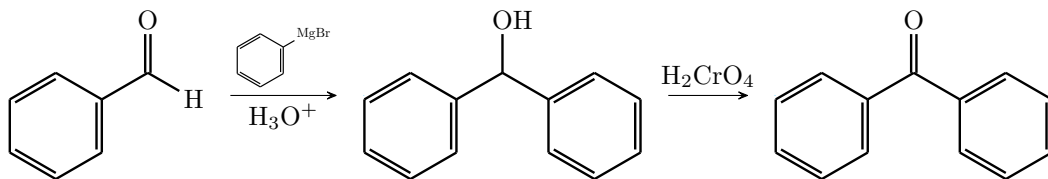


### Oppgave 5

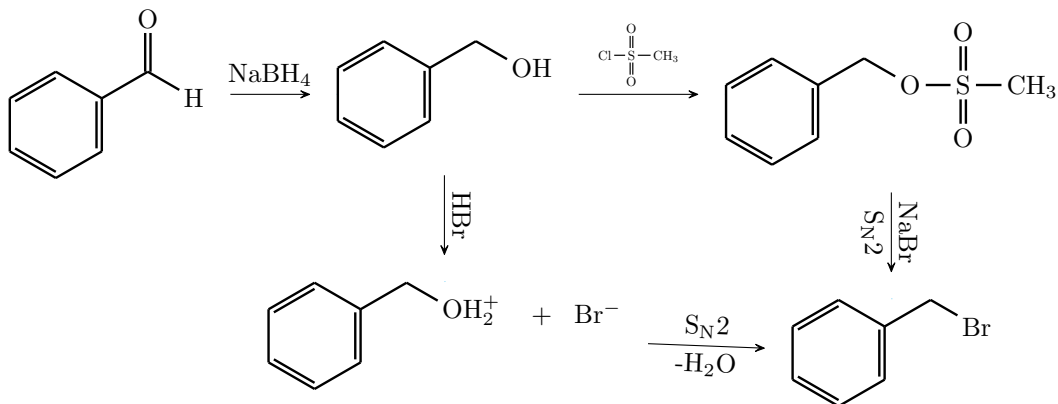
a)



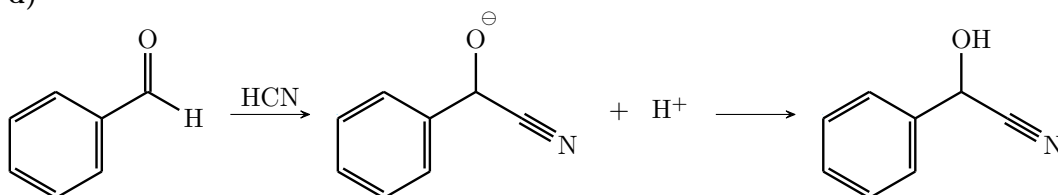
b)



c)



d)



## Oppgave 6

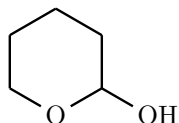
a)

Reaksjon med Jones reagens ville gitt grønnfarge med alkoholen og ikke med aldehyden. Reaksjon med 2,4-dinitrofenylhydrazin ville gitt reaksjon med aldehyden og ikke med alkoholen.

b)

Tollens test ville gitt sølvspeil med aldehyden, men ikke med ketonen.

## Oppgave 7



### Oppgave 8

