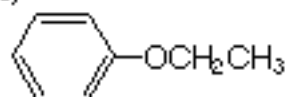
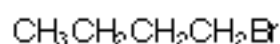


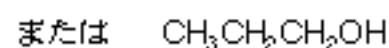
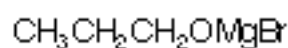
1. (1)



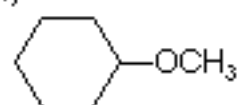
(2)



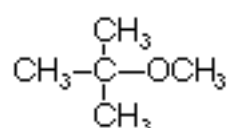
(3)



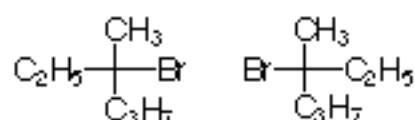
(4)



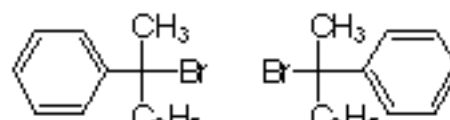
(5)



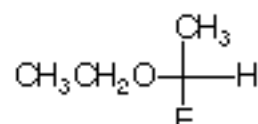
2. (1)



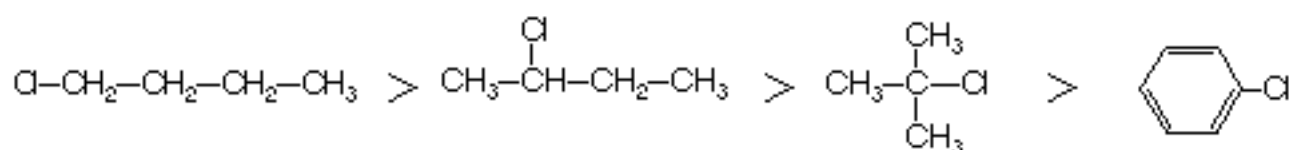
(2)



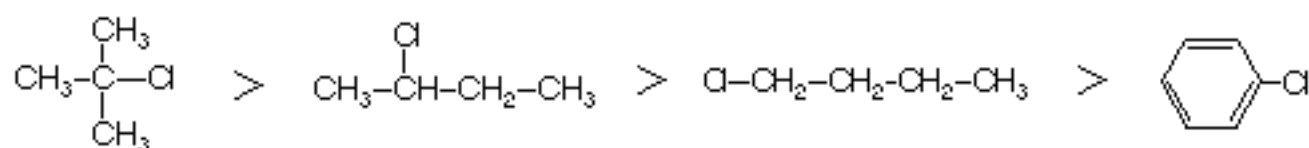
(3)



5.



7. (2)

9. (1) $\text{Cl}-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{O}^-$ (2) $\text{S}_{\text{N}}2$

(3) 遷移状態

(4)

