

Elimination and Substitution

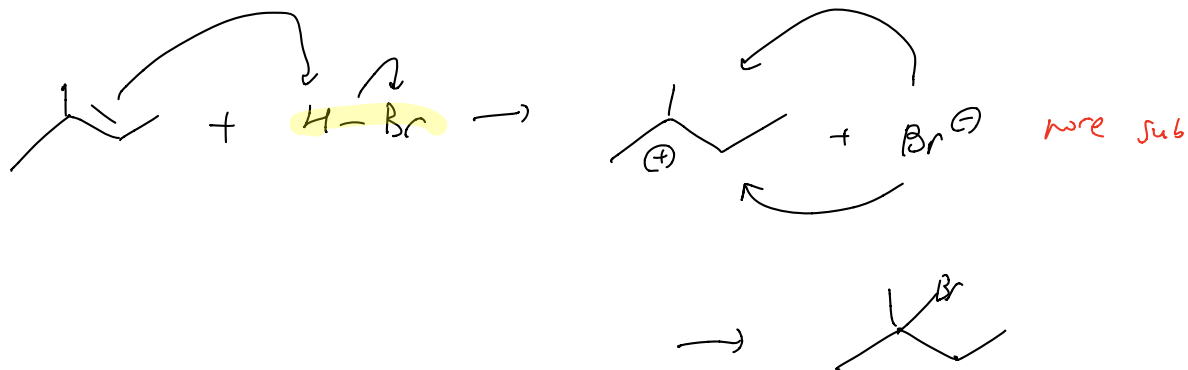
①

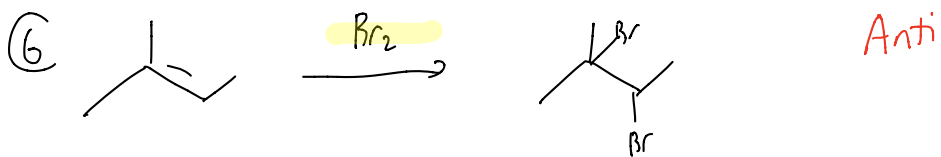
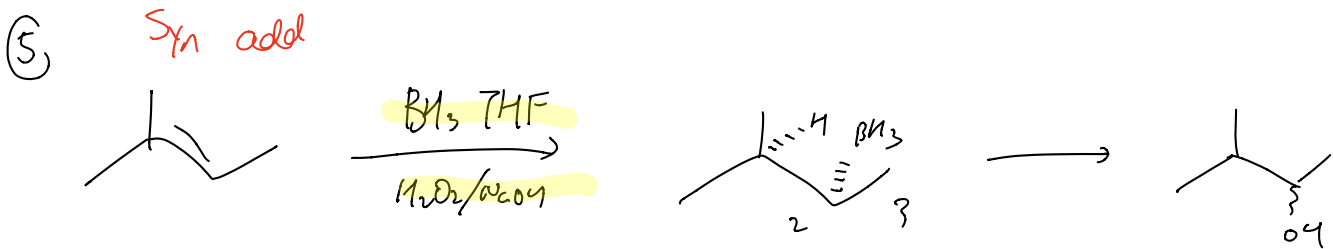
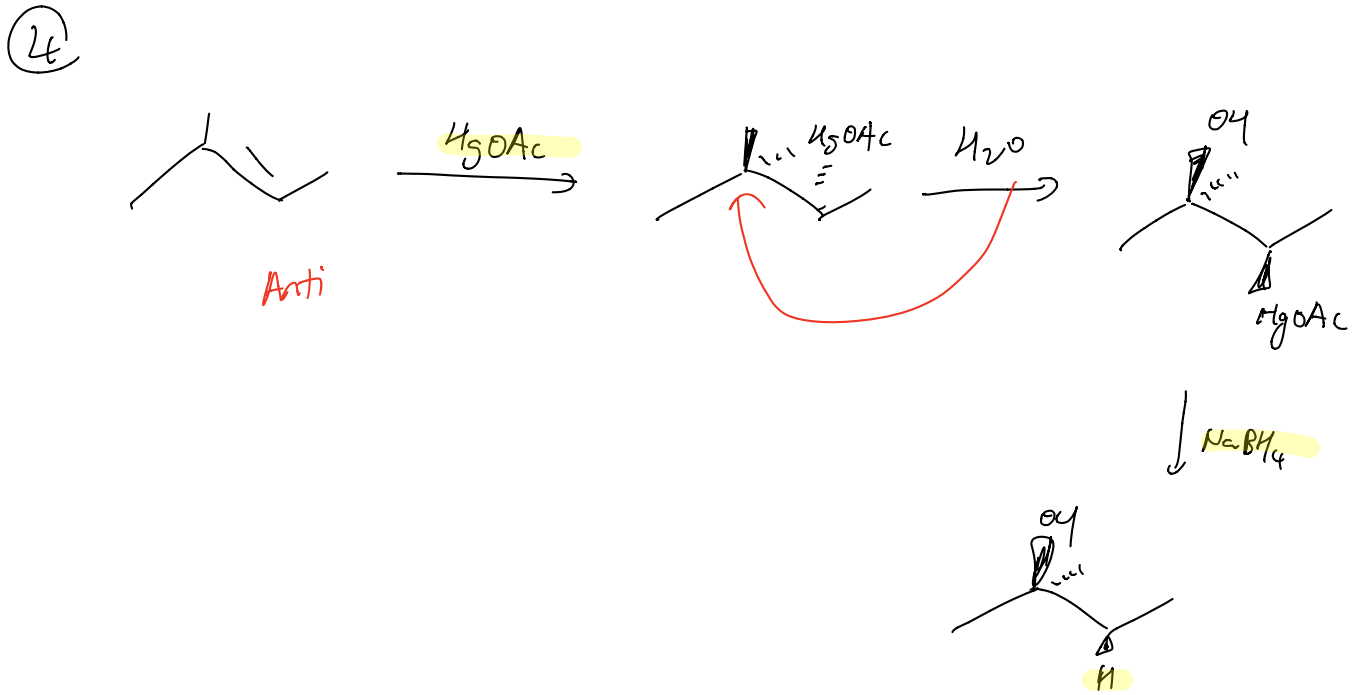
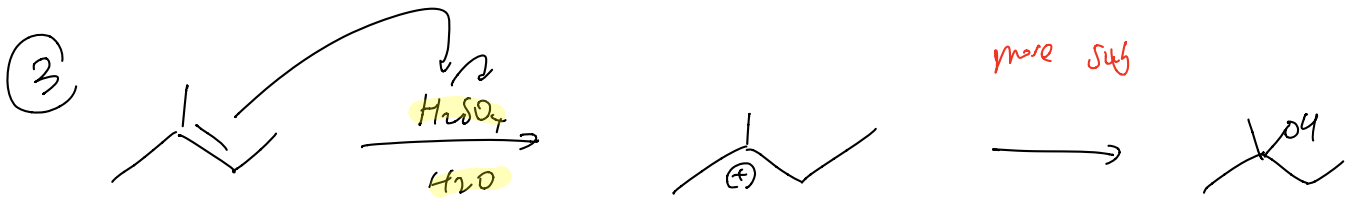
| | Methyl | 1° | 2° | 3° |
|----------------------|--------|-----|--------|--------|
| S.B G.W | SN2 | SN2 | E2 | E2 |
| S.B, hindered P.W | SN2 | E2 | E2 | E2 |
| W.B G.W | SN2 | SN2 | SN2 | SN1/E1 |
| W.B P.W | / | / | SN1/E1 | SN1/E1 |

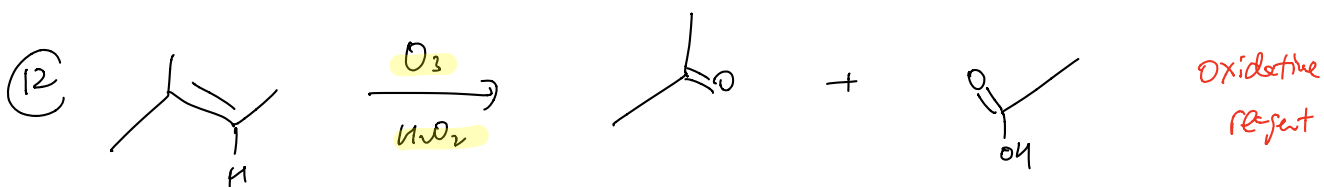
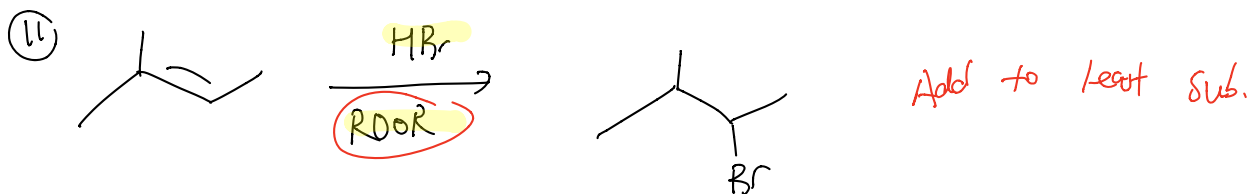
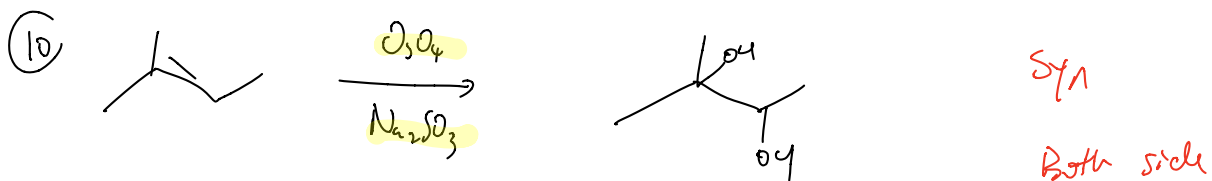
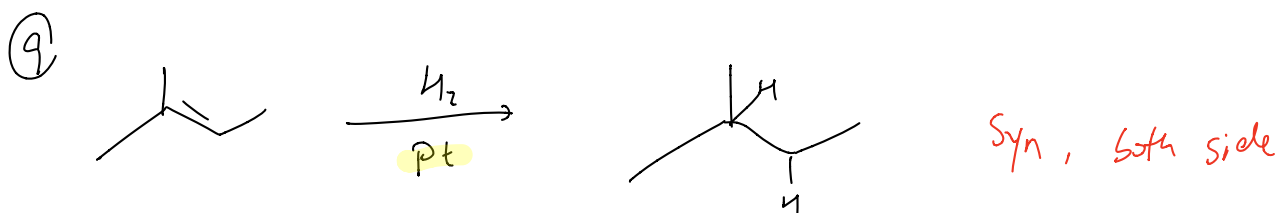
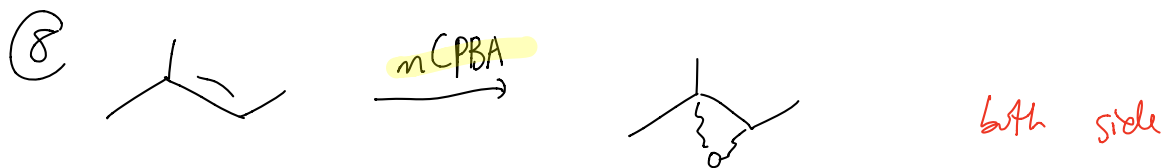
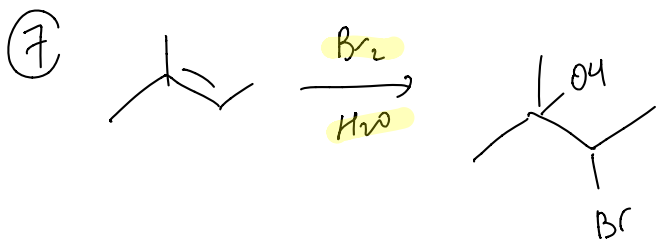
| | 1° alcohol | 2° alc. | 3° alc. |
|-------|------------|---------|---------|
| H2SO4 | E1 | E1 | E1 |

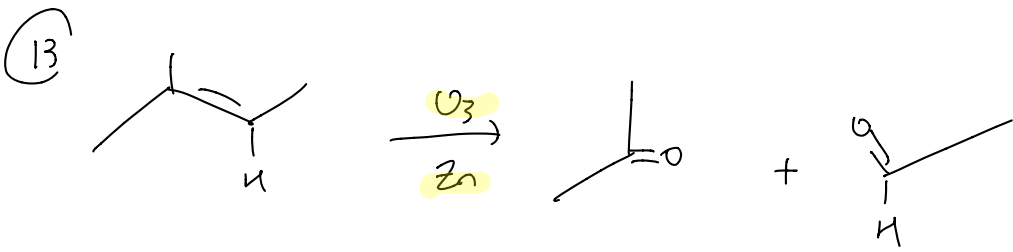
| | SN2 | SN1 E1 | SN1 E1 |
|---------|-----|-----------|-----------|
| HI, HBr | | | |

②

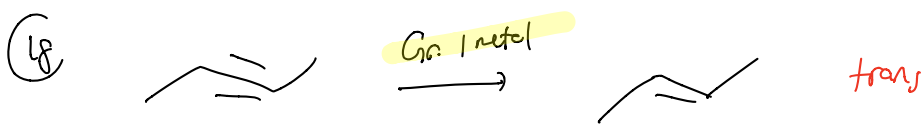
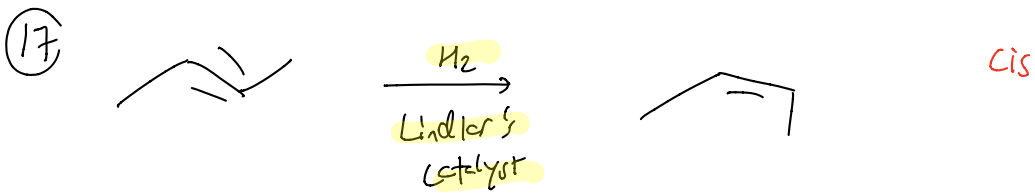
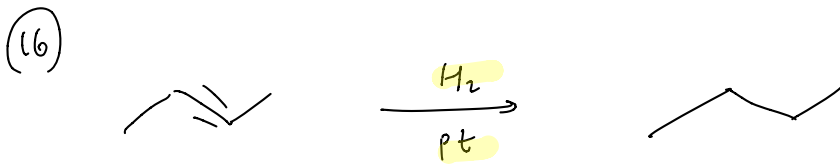
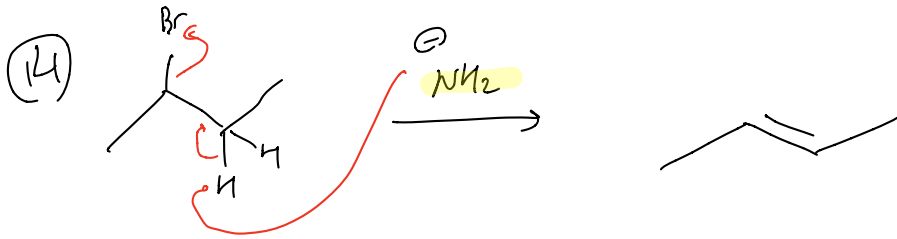


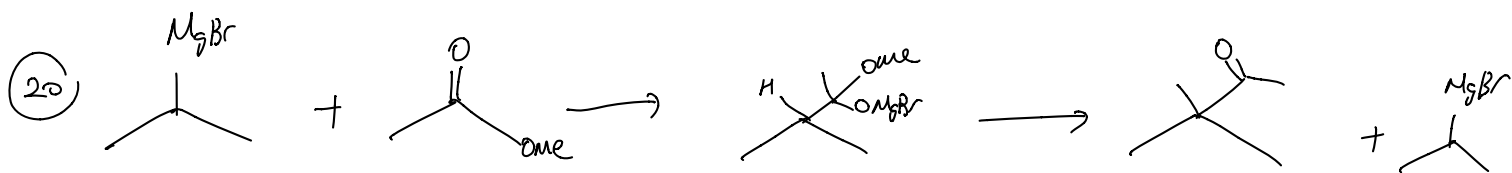
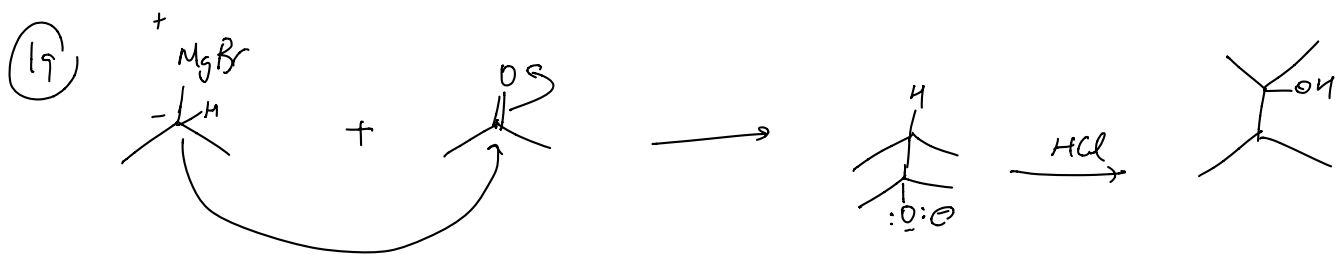




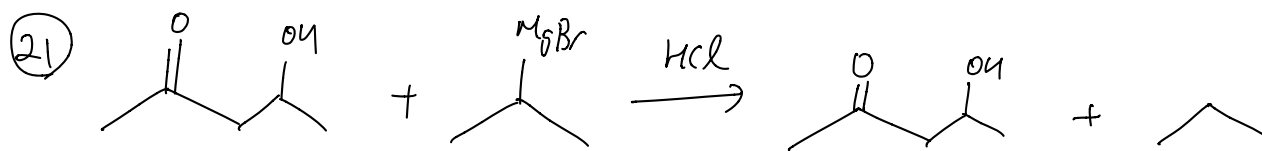
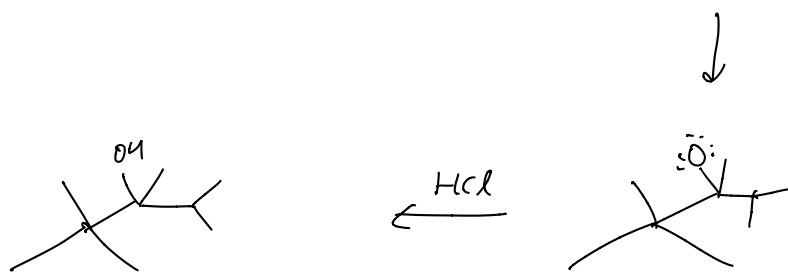


Reductive
Rozit

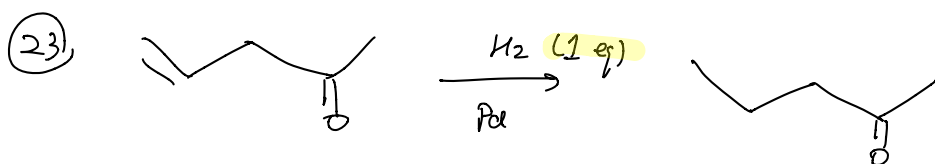
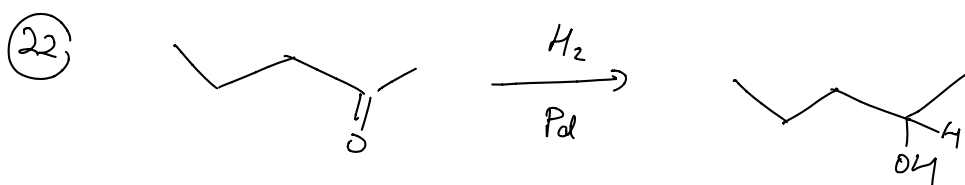


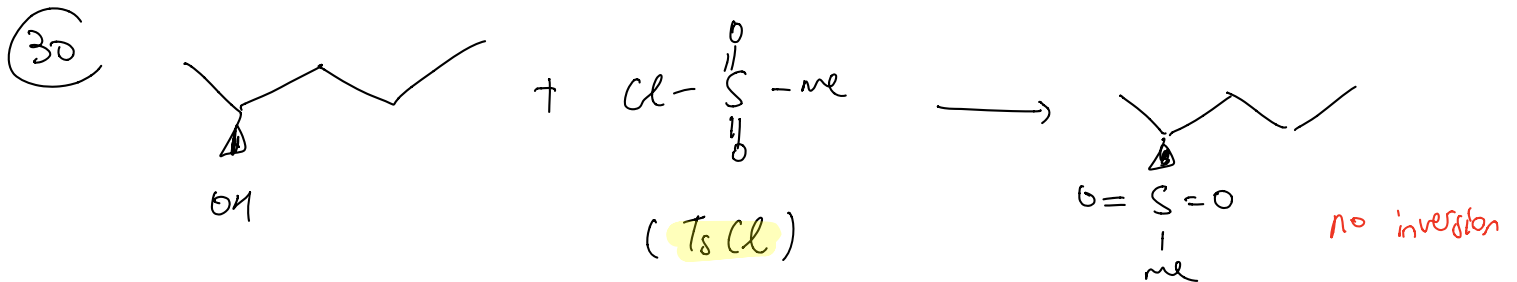
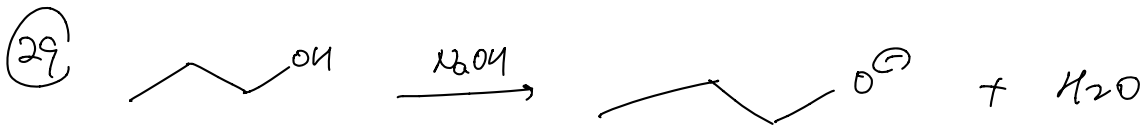
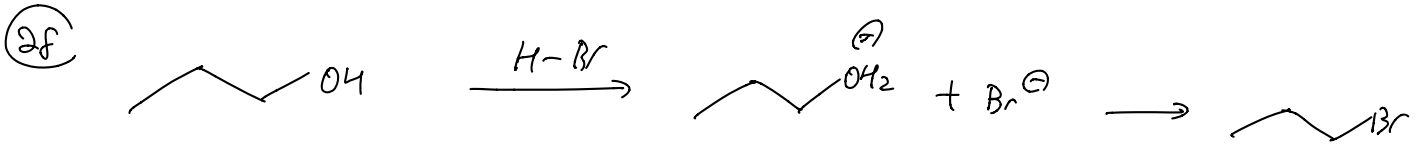
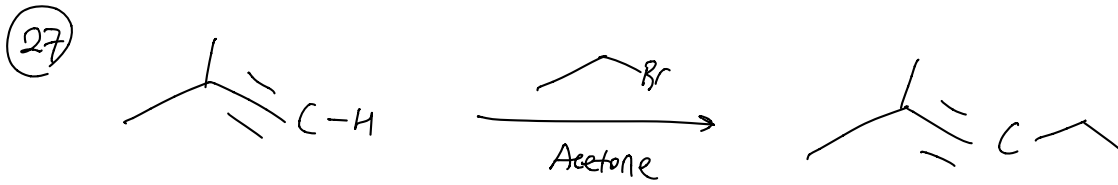
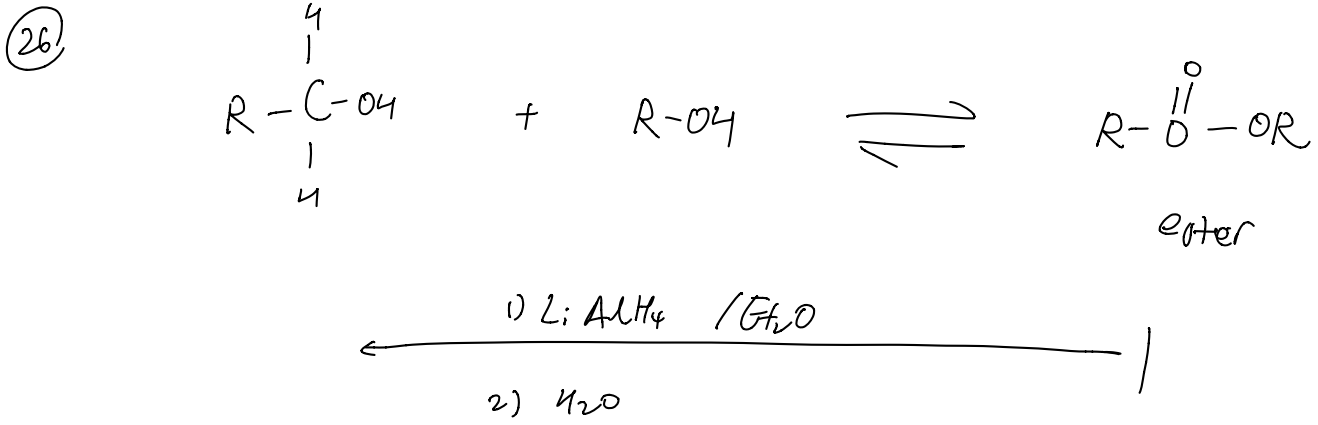


2 things on ester (ketone)

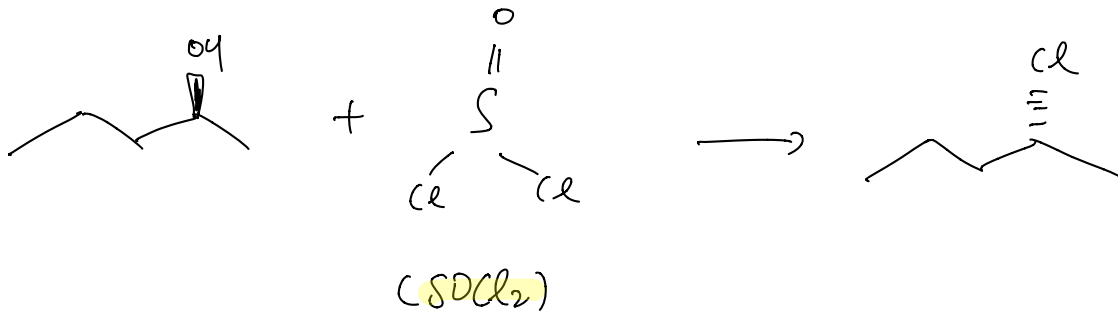


Acid base faster than Grignard



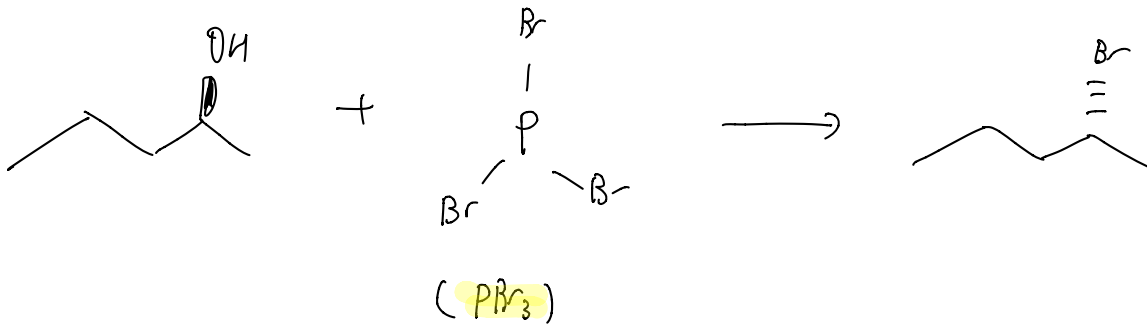


31



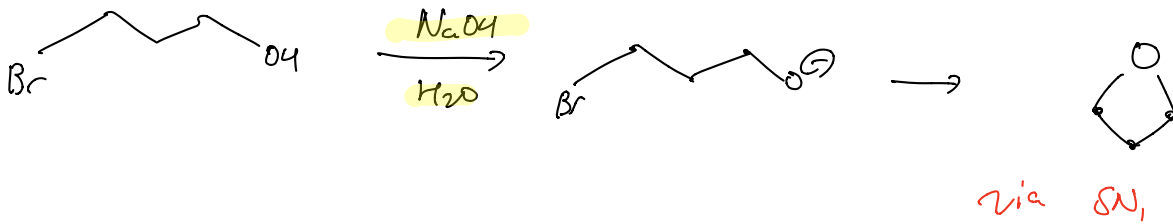
Inversion

32

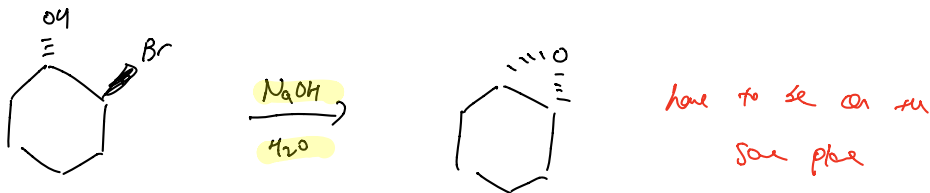


Inversion

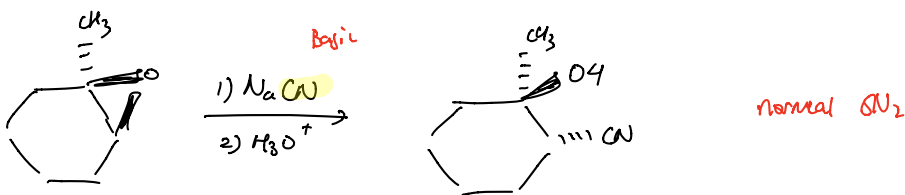
33



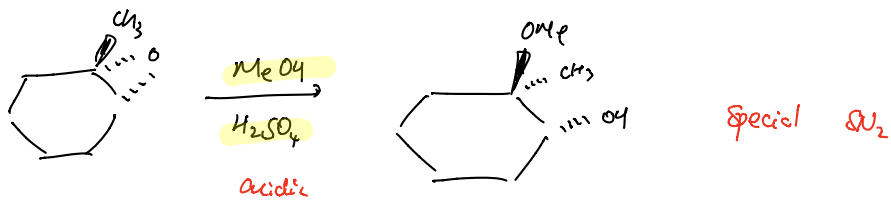
34

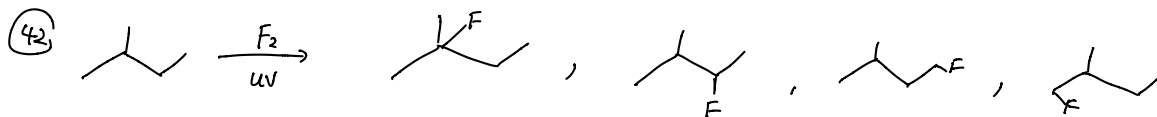
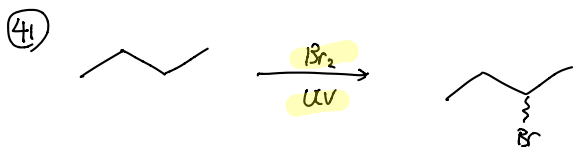
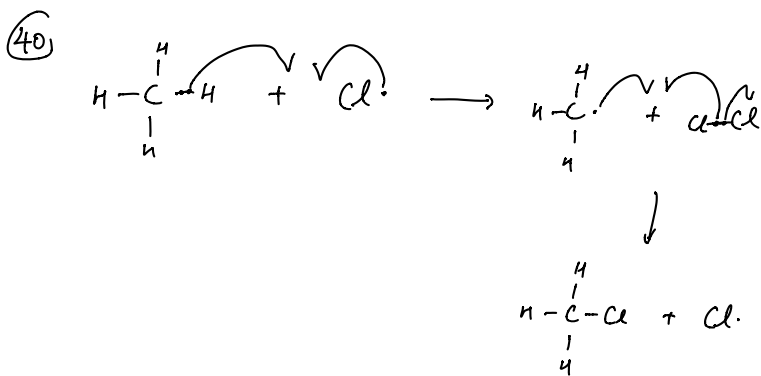
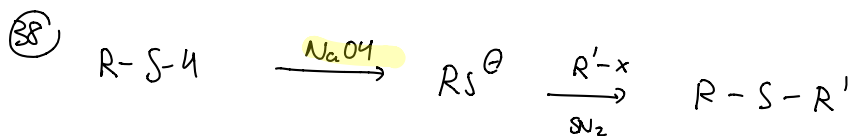
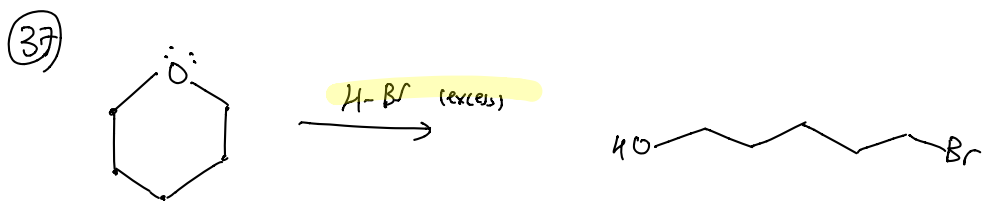


35



36





Low selectivity, high reactivity

