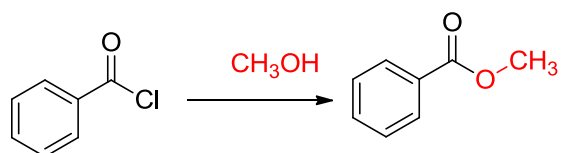
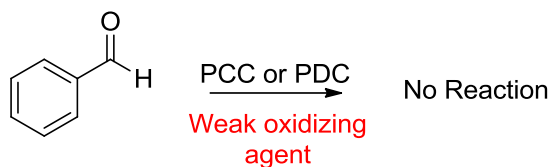
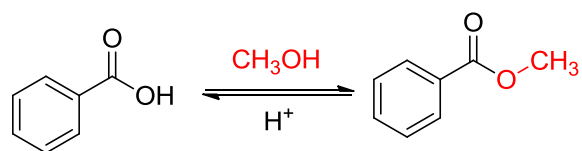
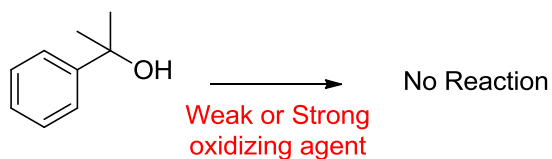
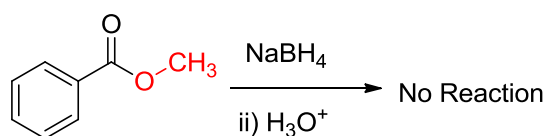
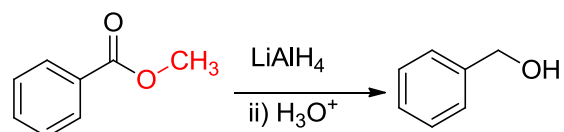
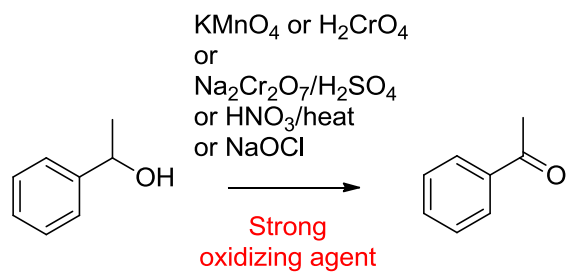
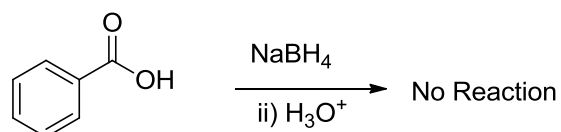
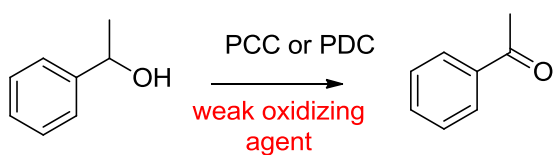
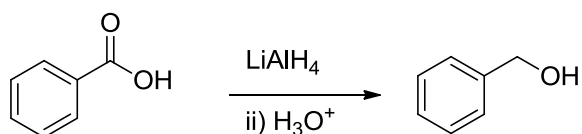
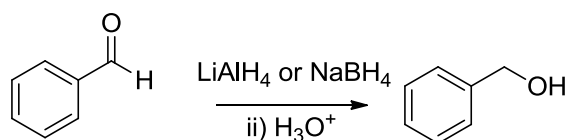
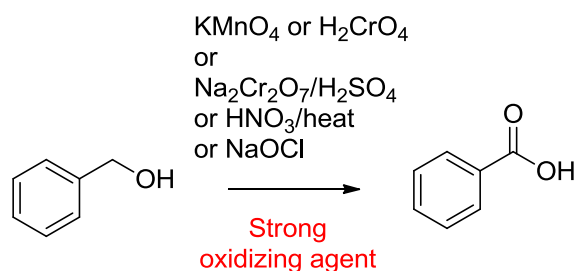
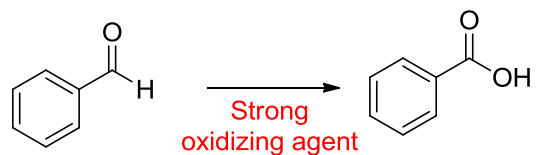
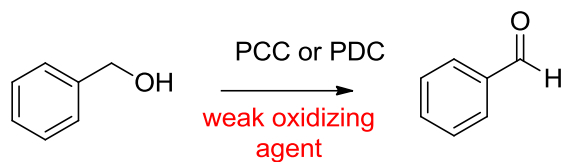
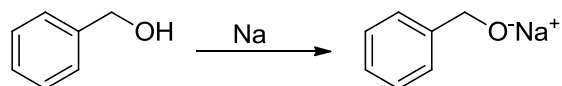
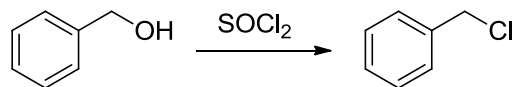
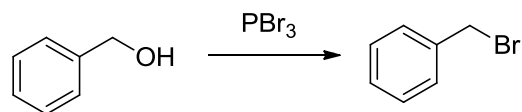


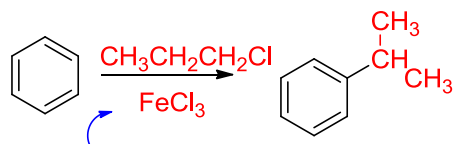
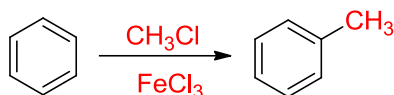
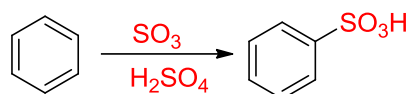
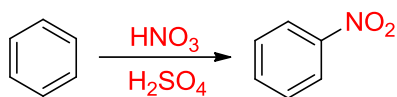
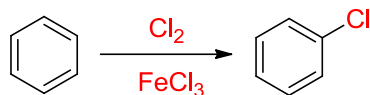
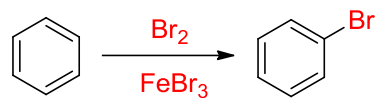
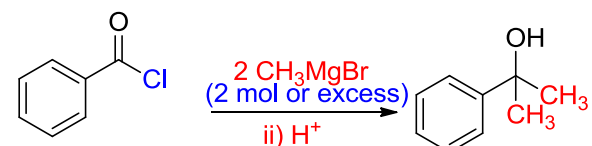
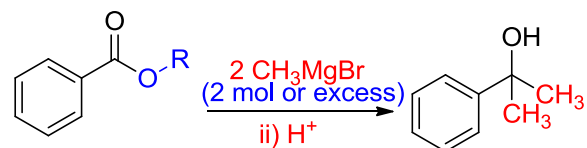
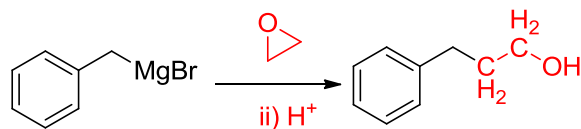
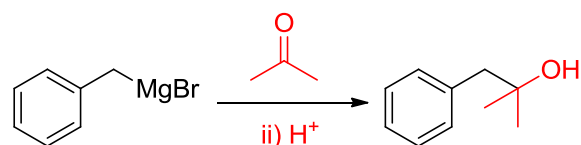
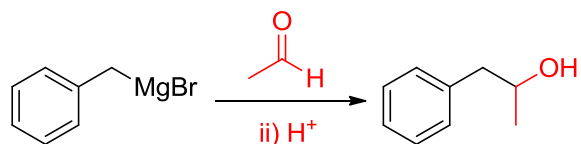
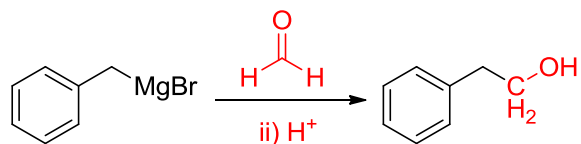
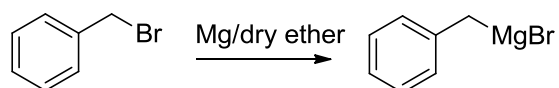
ORGANIC CHEMISTRY I

REACTION SUMMARY

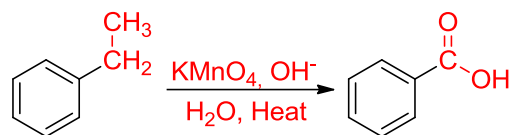
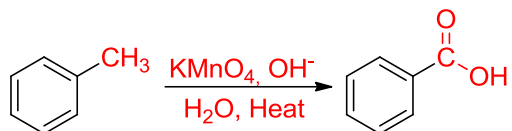
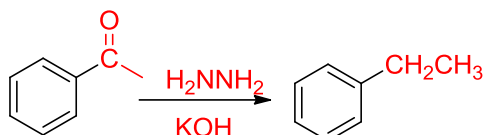
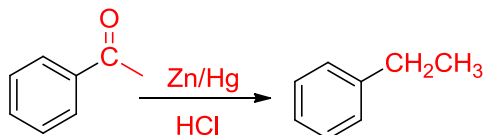
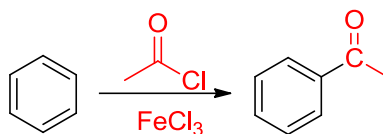


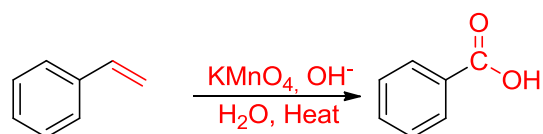
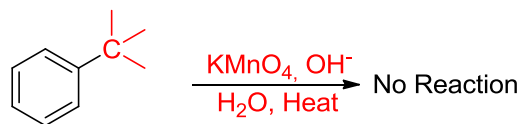
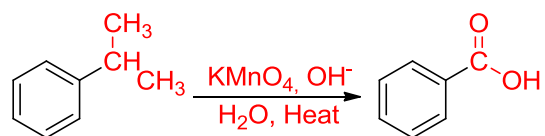


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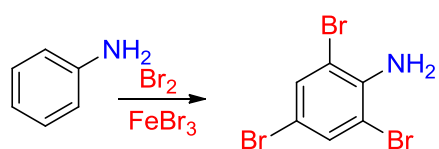
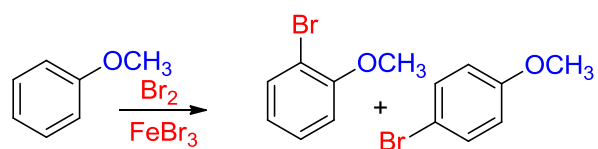
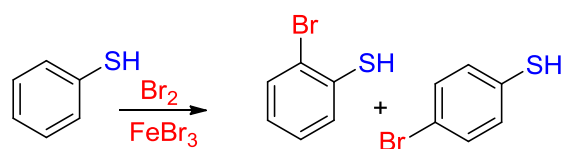
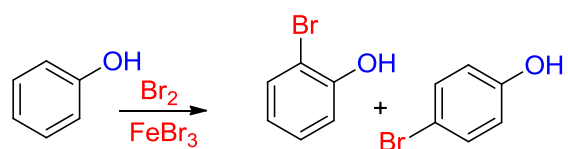
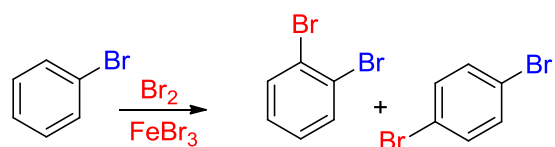
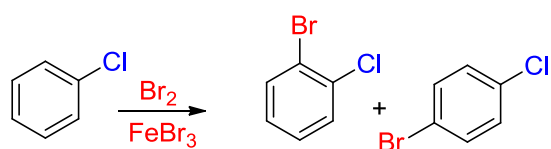
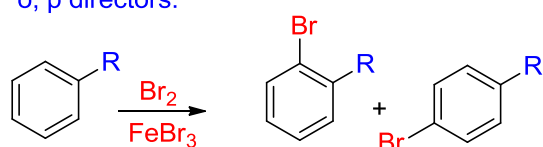


TIP: carbocation rearrangement

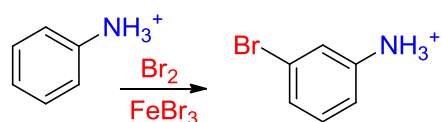
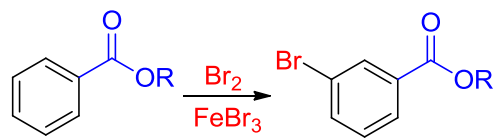
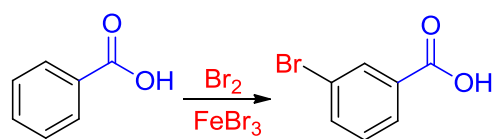
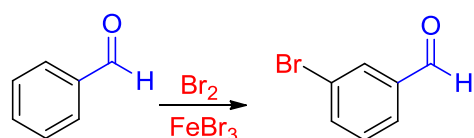
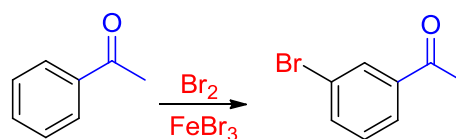
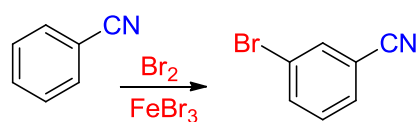
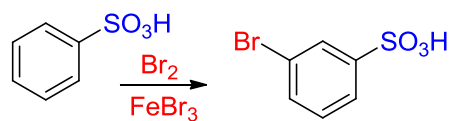
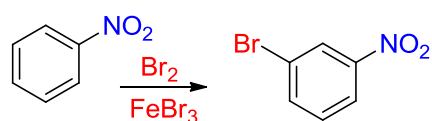




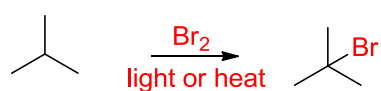
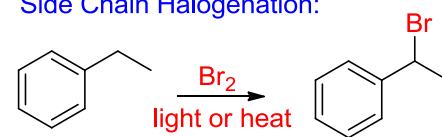
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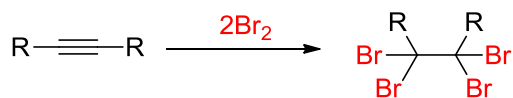
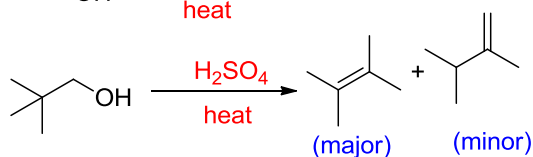
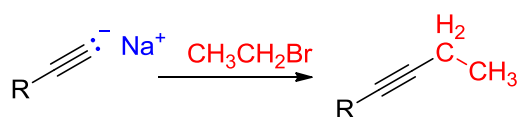
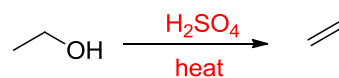
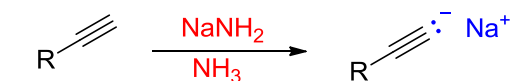
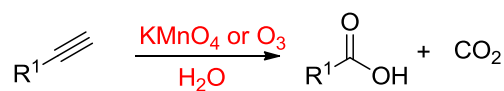
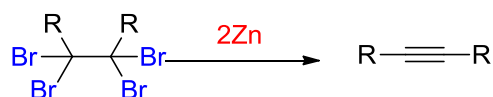
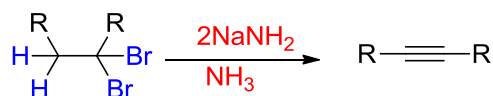
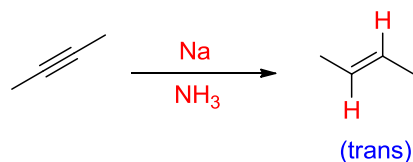
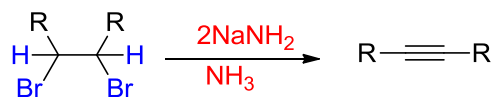
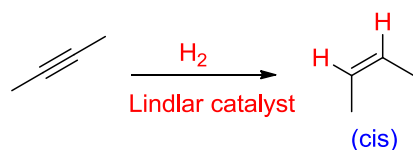
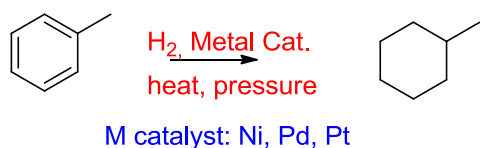


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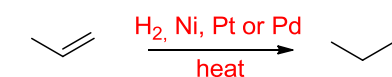
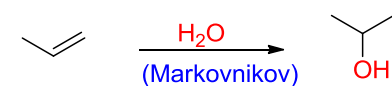
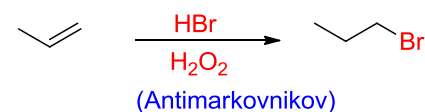
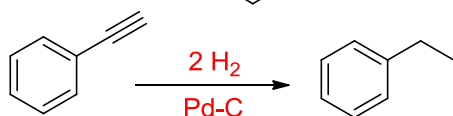
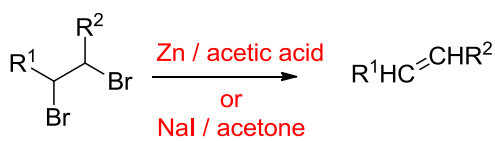
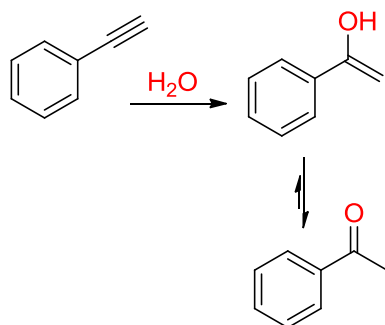
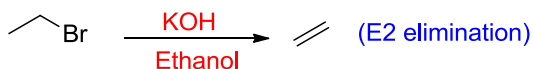
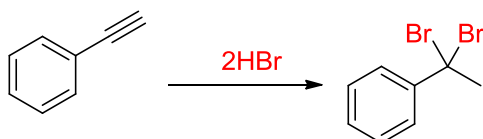


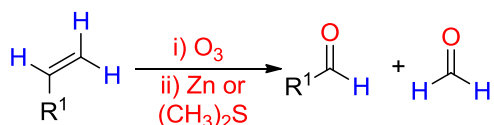
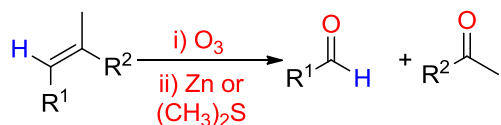
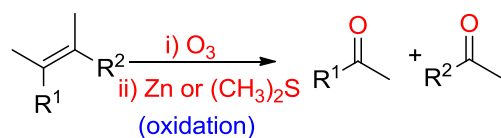
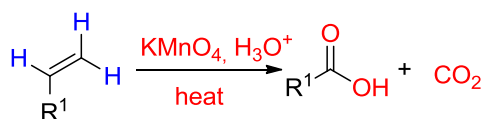
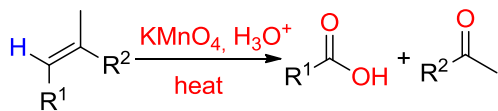
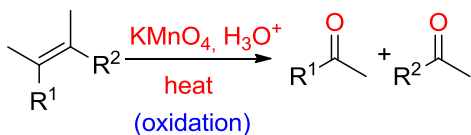
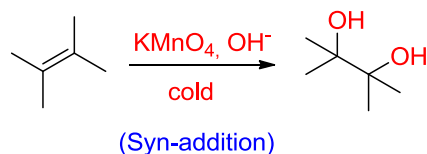
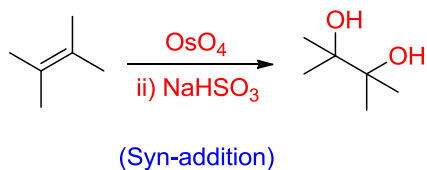
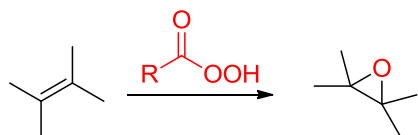
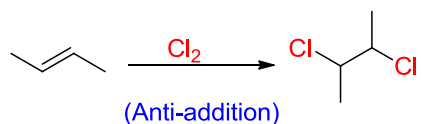
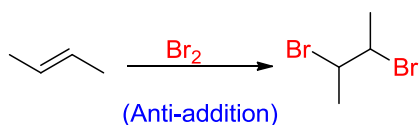
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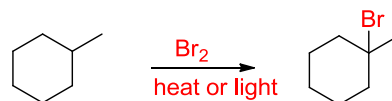
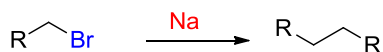
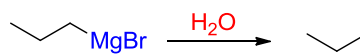
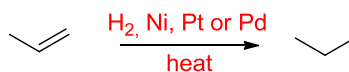


TIP: carbocation rearrangement
Methyl < Ethyl < Phenyl < Hydride (has got priority)

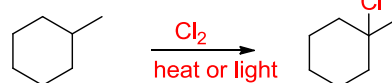




Alkane synthesis:



TIP: Radicalic reaction (only product)

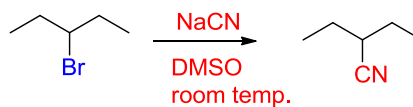


TIP: Radicalic reaction (Major)



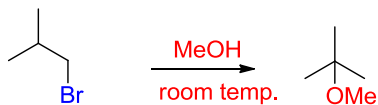
S_N2 Reaction:

- Strong nucleophile
- Polar aprotic solvent
- Room temperature
- Methyl, 1° or 2° Alkyl halide (Methyl > 1° > 2°)
- No carbocation rearrangement



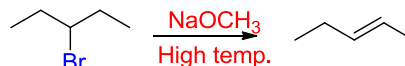
S_N1 Reaction:

- Weak nucleophile
- Polar protic solvent
- Room temperature
- 3° or 2° Alkyl halide (3° > 2°)
- carbocation rearrangement



E2 Reaction:

- Strong base
- High temperature
- (3° > 2°)
- No carbocation rearrangement
- Zaitsev product



E1 Reaction:

- Weak base
- High temperature
- ($3^\circ > 2^\circ$)
- carbocation rearrangement
- zaitsev product

