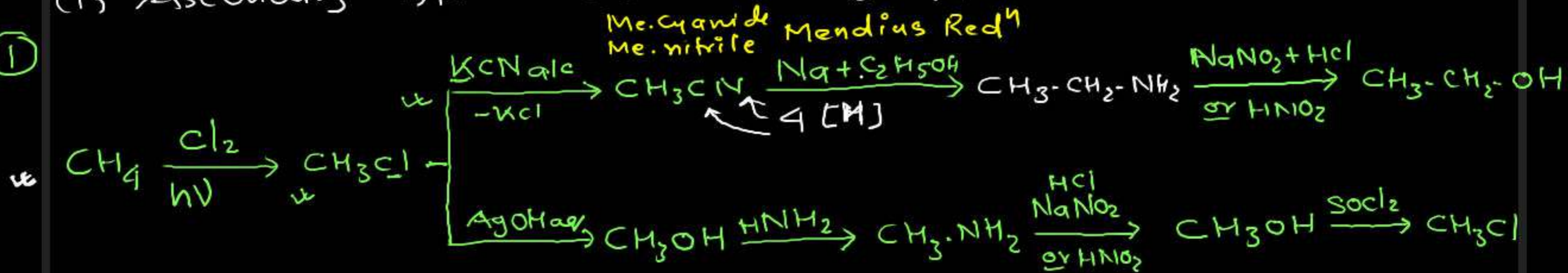


* Super Tricks for Organic Conversions.

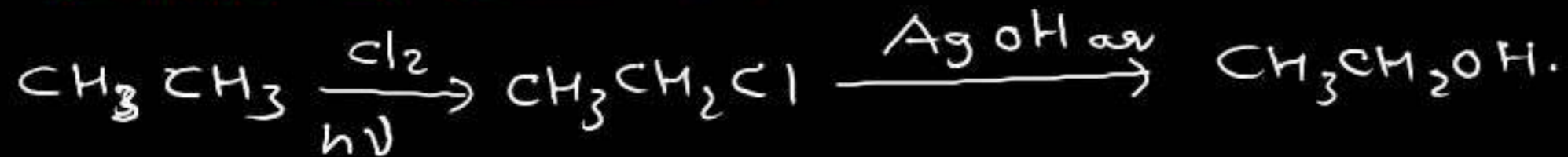
Conversion : 3 types:

(i) Ascending Type (ii) Descending Type (iii) Functional Group Type.

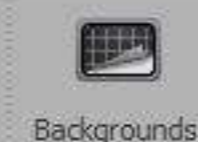
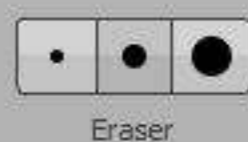
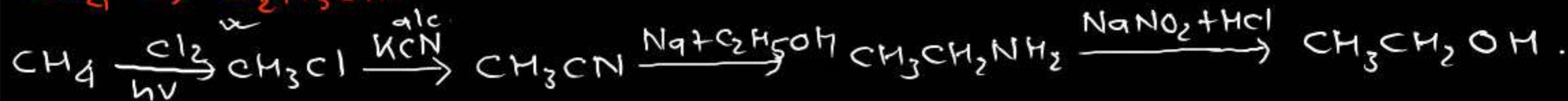
①

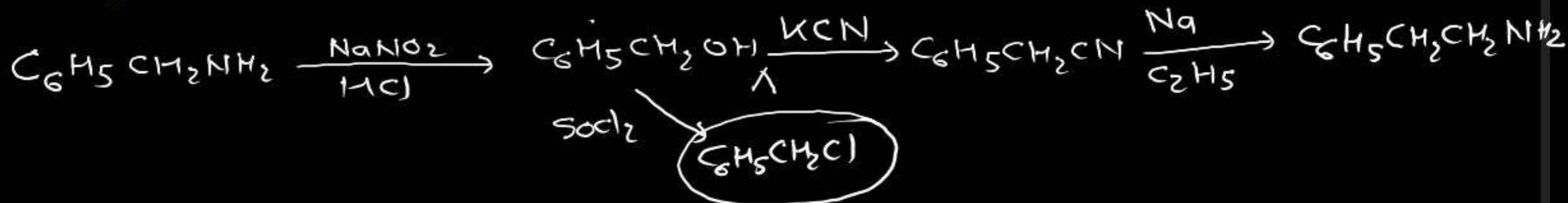
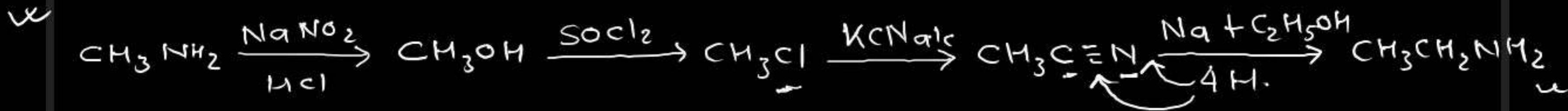


(I) Ethane → Ethanol:

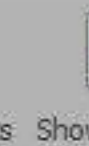
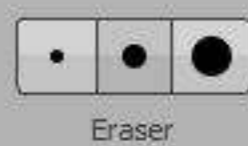
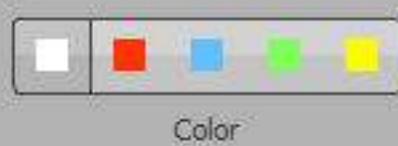
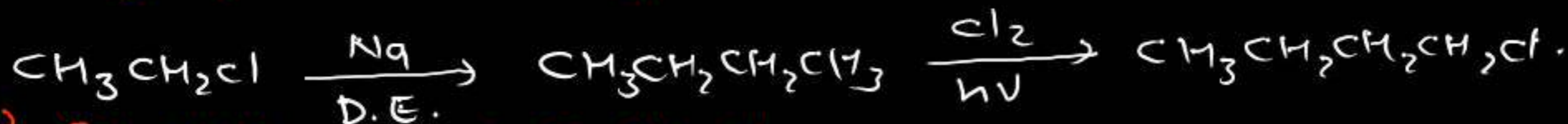
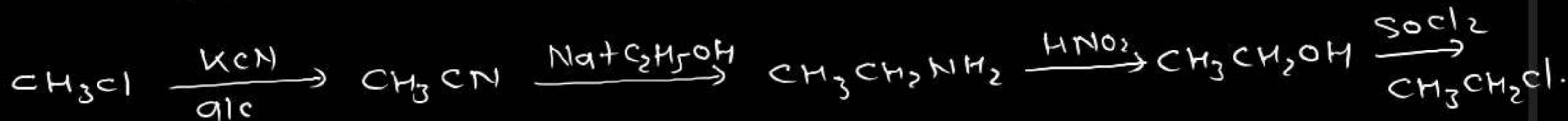


(II) CH₄ → C₂H₅OH.

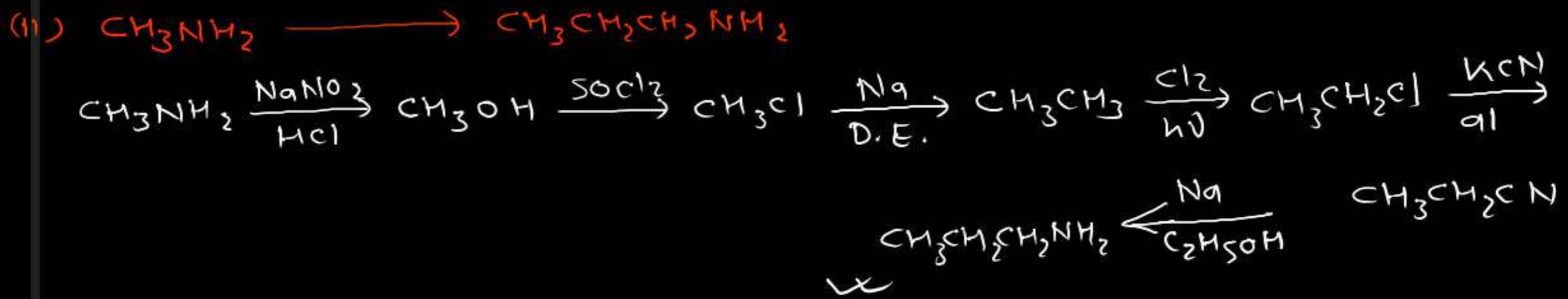
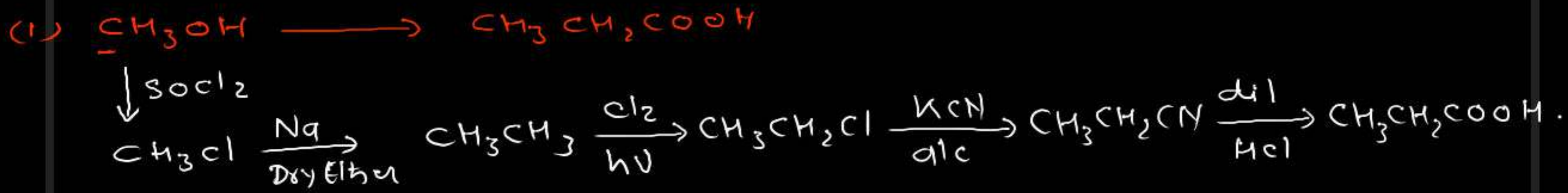
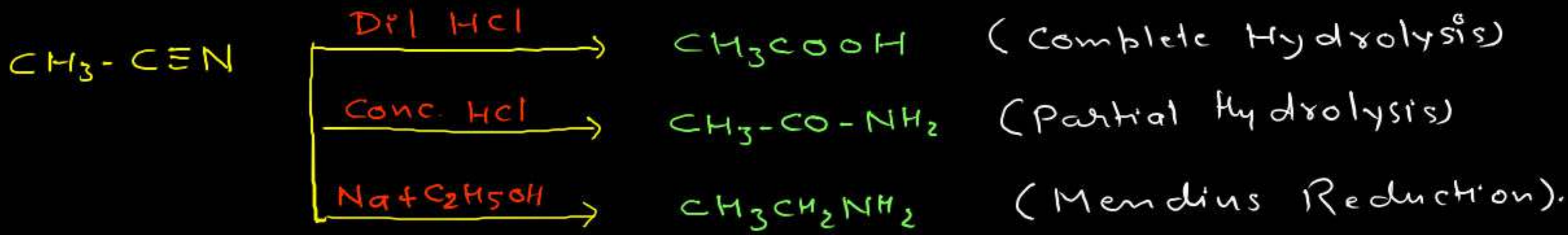


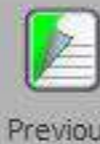
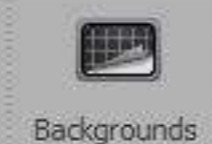
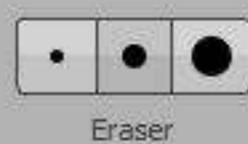
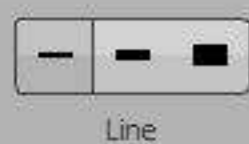
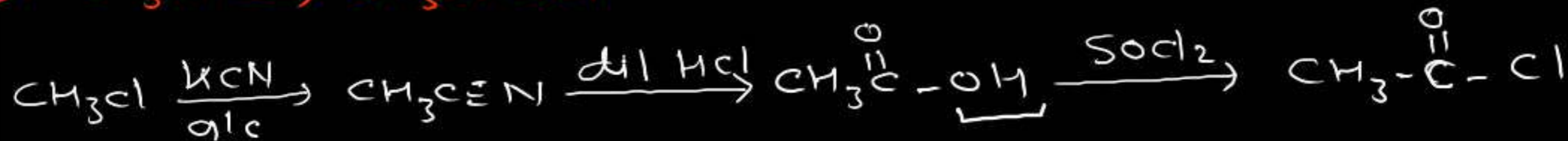
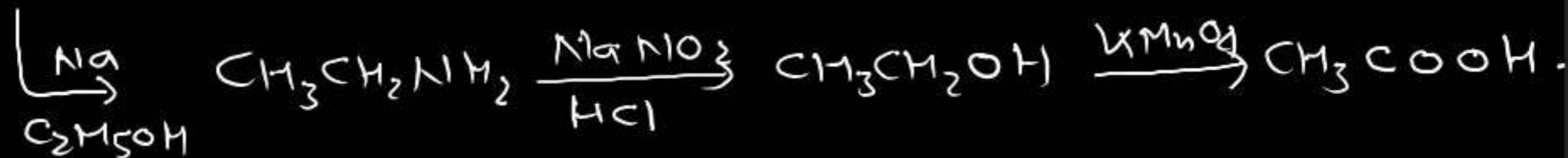
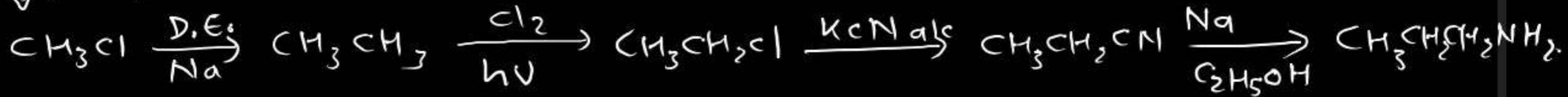


(2) Ascending Type:

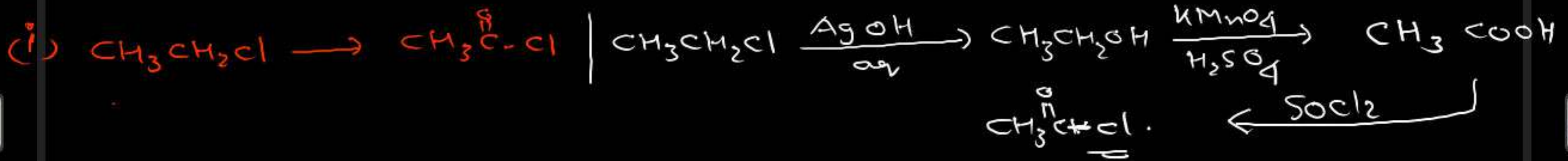
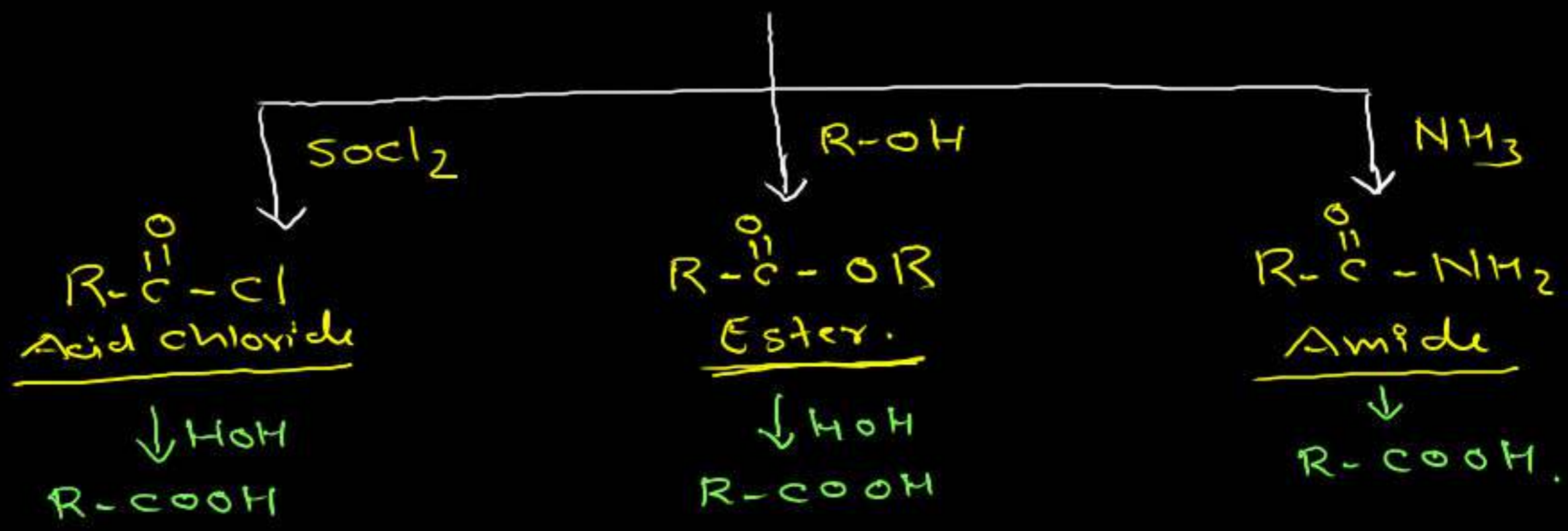
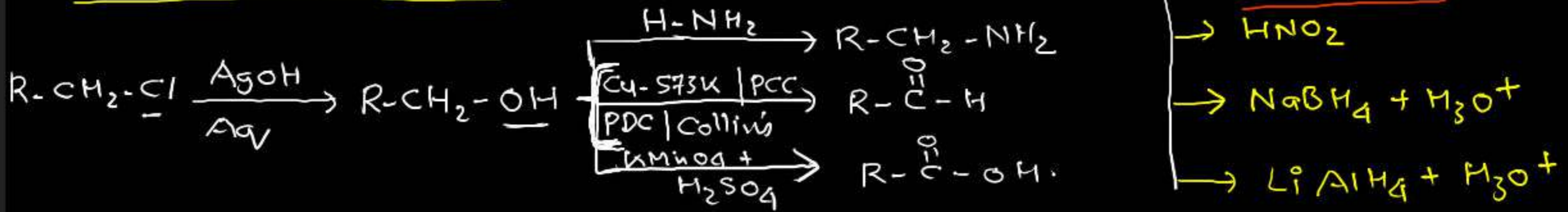


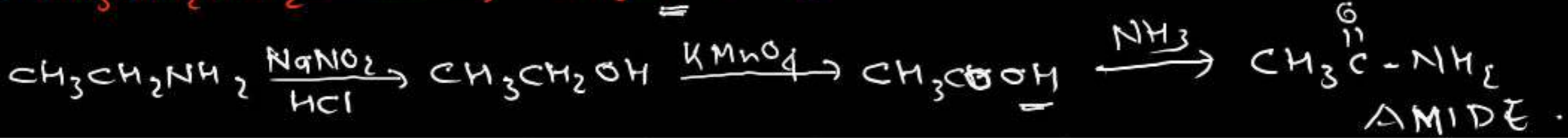
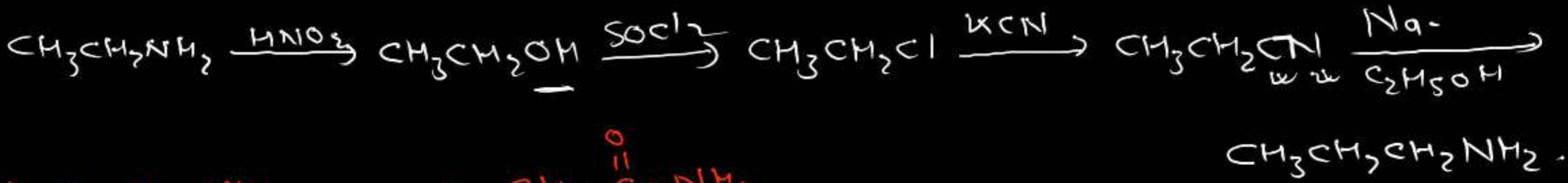
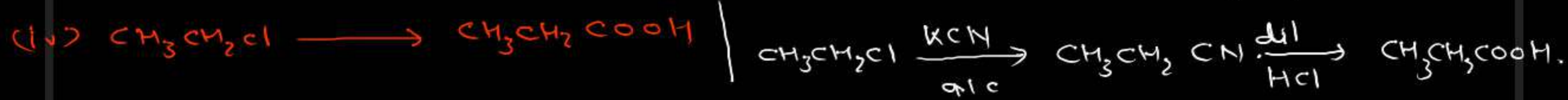
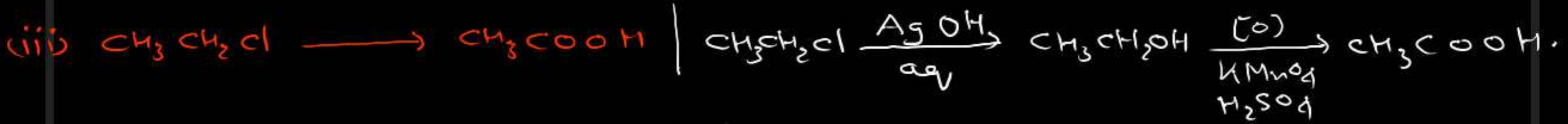
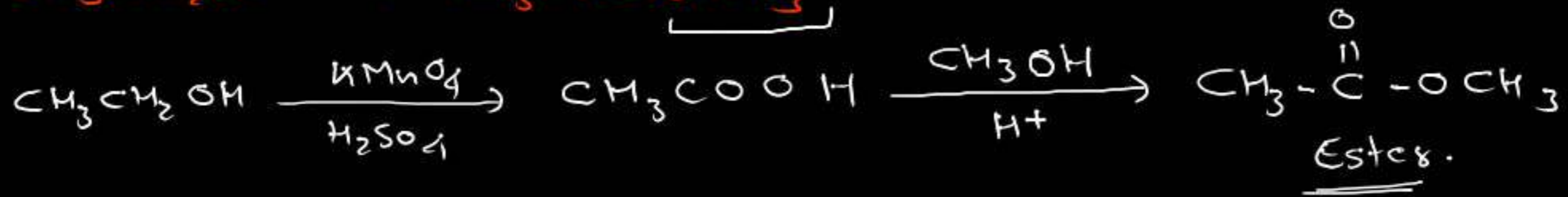
(3)

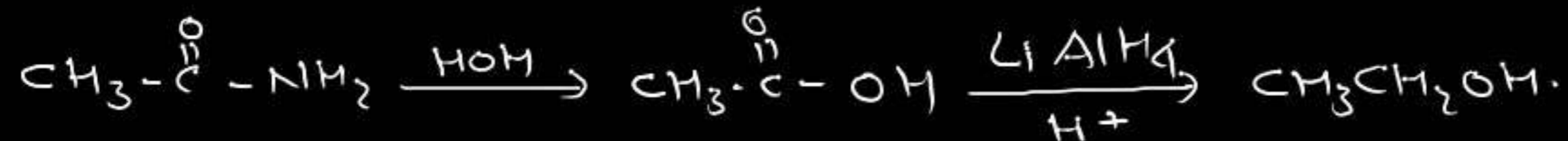




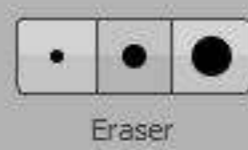
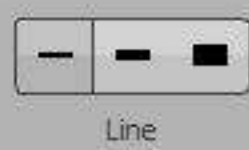
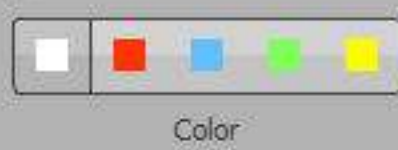
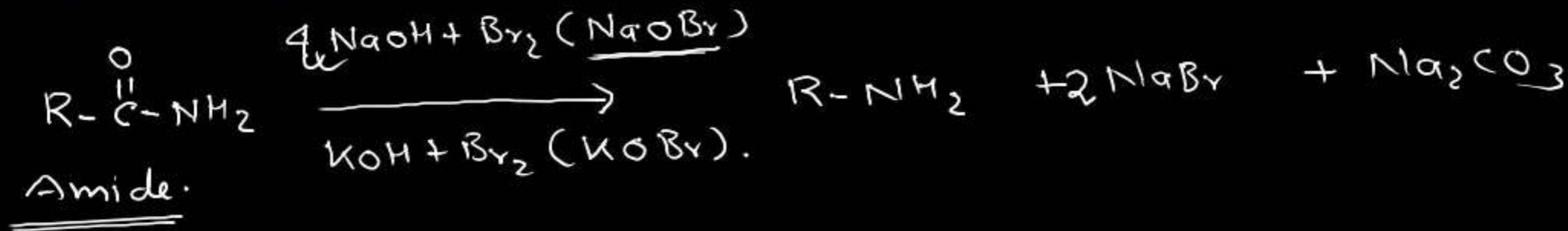
(4) Descending Type.



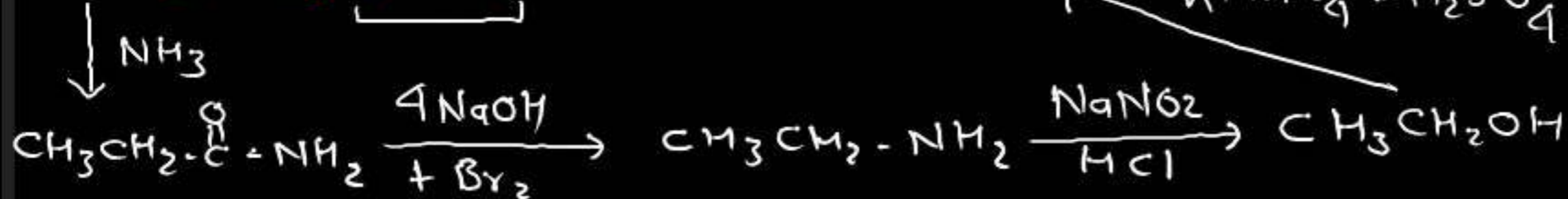
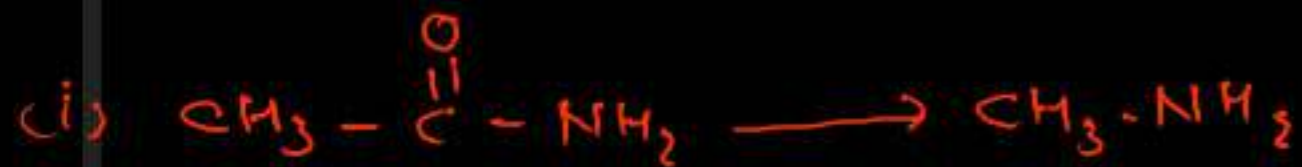
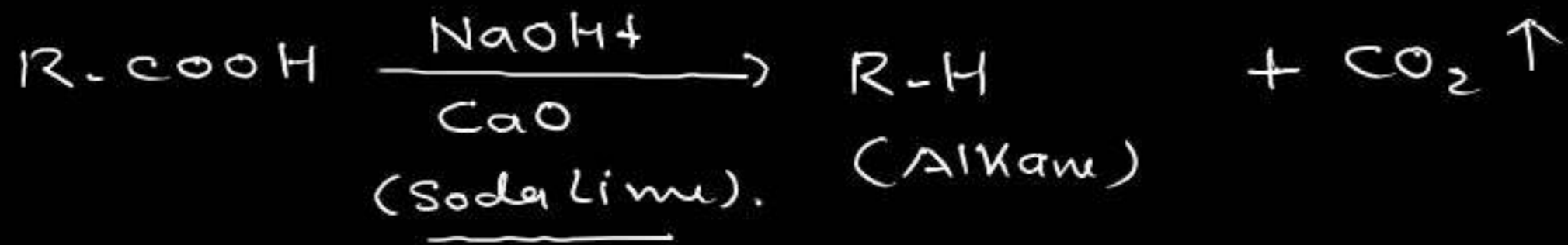




(5) (i) Hoffmann Bromamide Reaction | Degradation Reaction



(i) Decarboxylation :



Stylus



Color



Line



Eraser



Backgrounds



Undo



Redo



Pages



Previous



Next



Erase



Board



Web



Documents

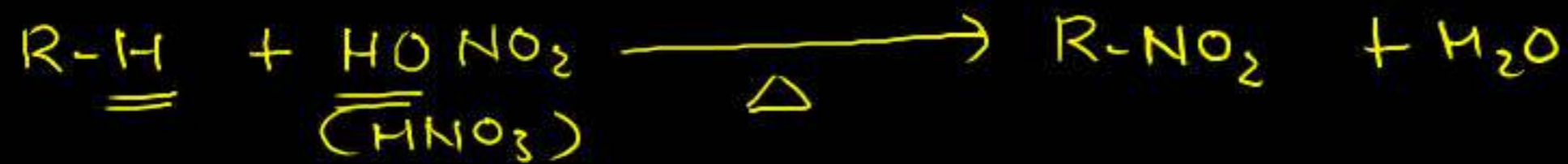


Show Desktop

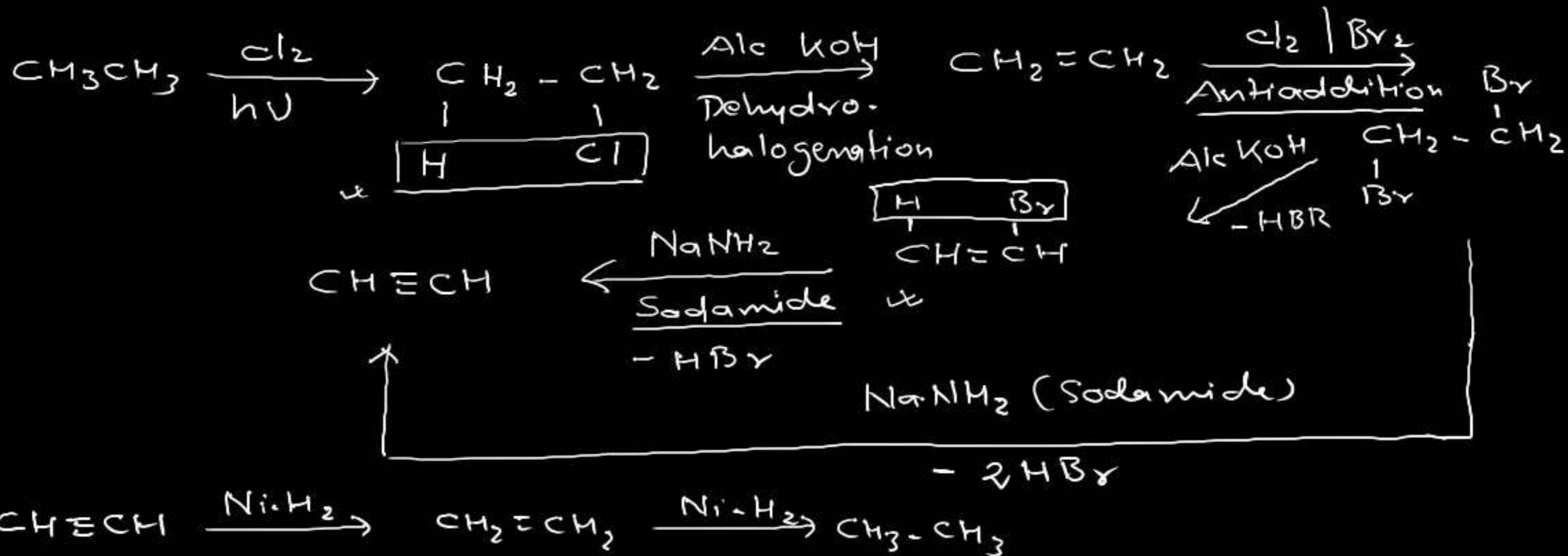


OpenBoard

(6)

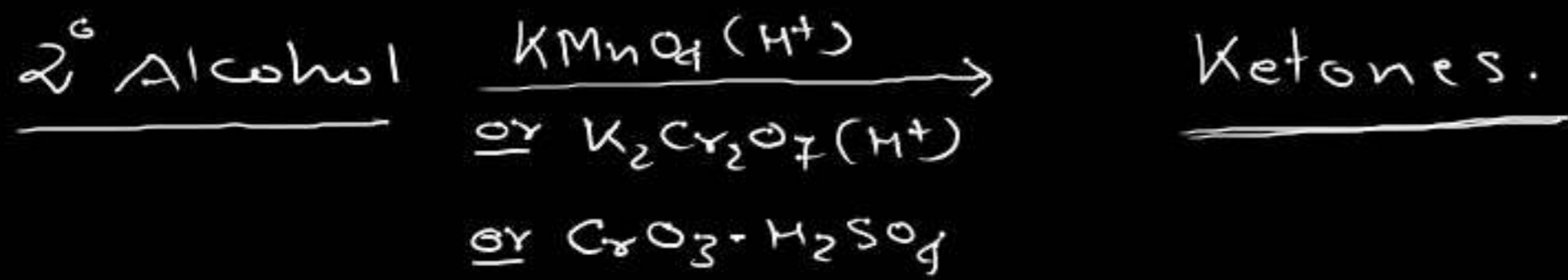
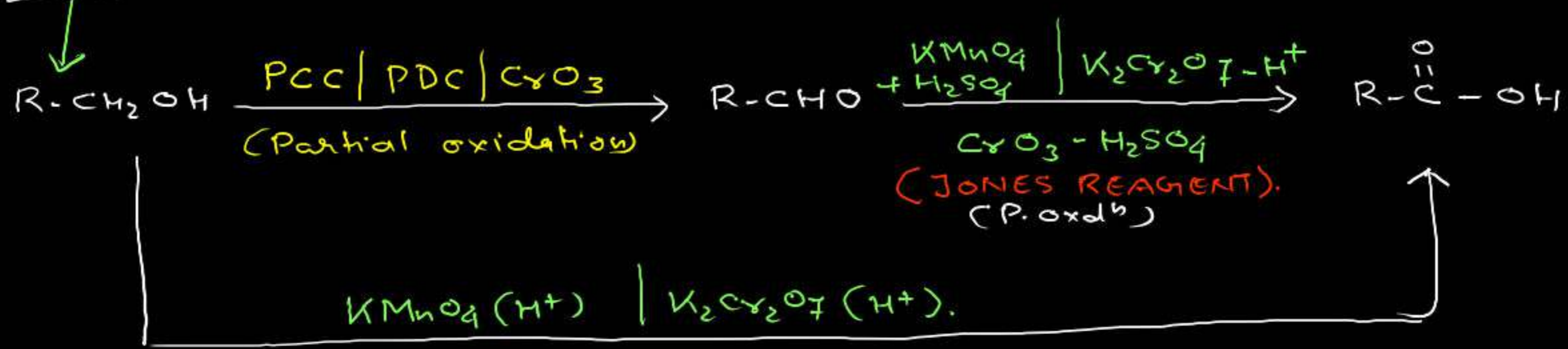


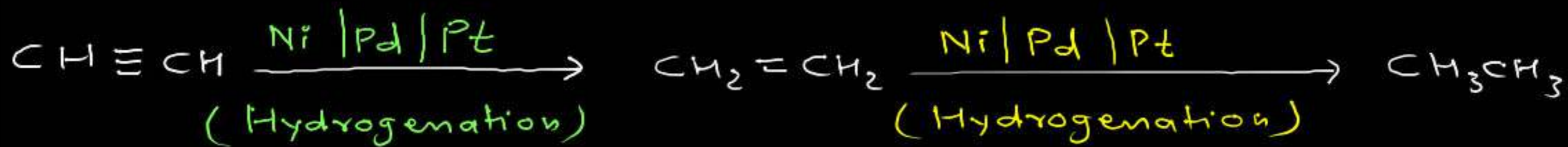
(7) Single Bond \longrightarrow Double Bond \longrightarrow Triple Bond.



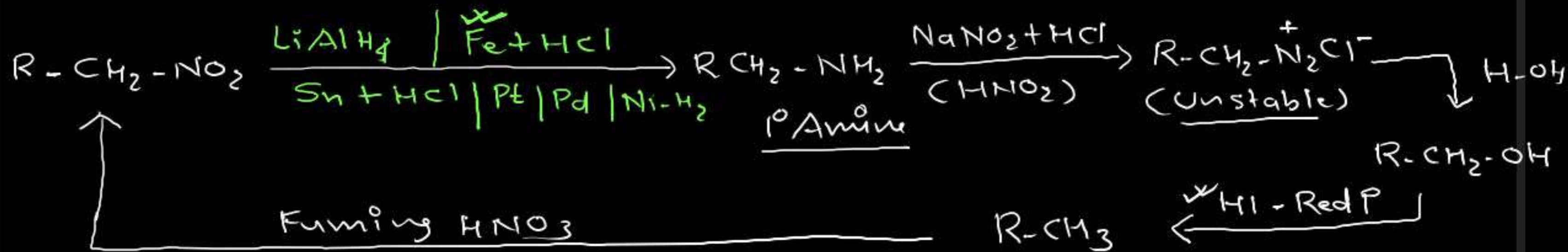
(8) Alcohol \longrightarrow Aldehyde \longrightarrow Carboxylic Acid.

1° Alcohol required

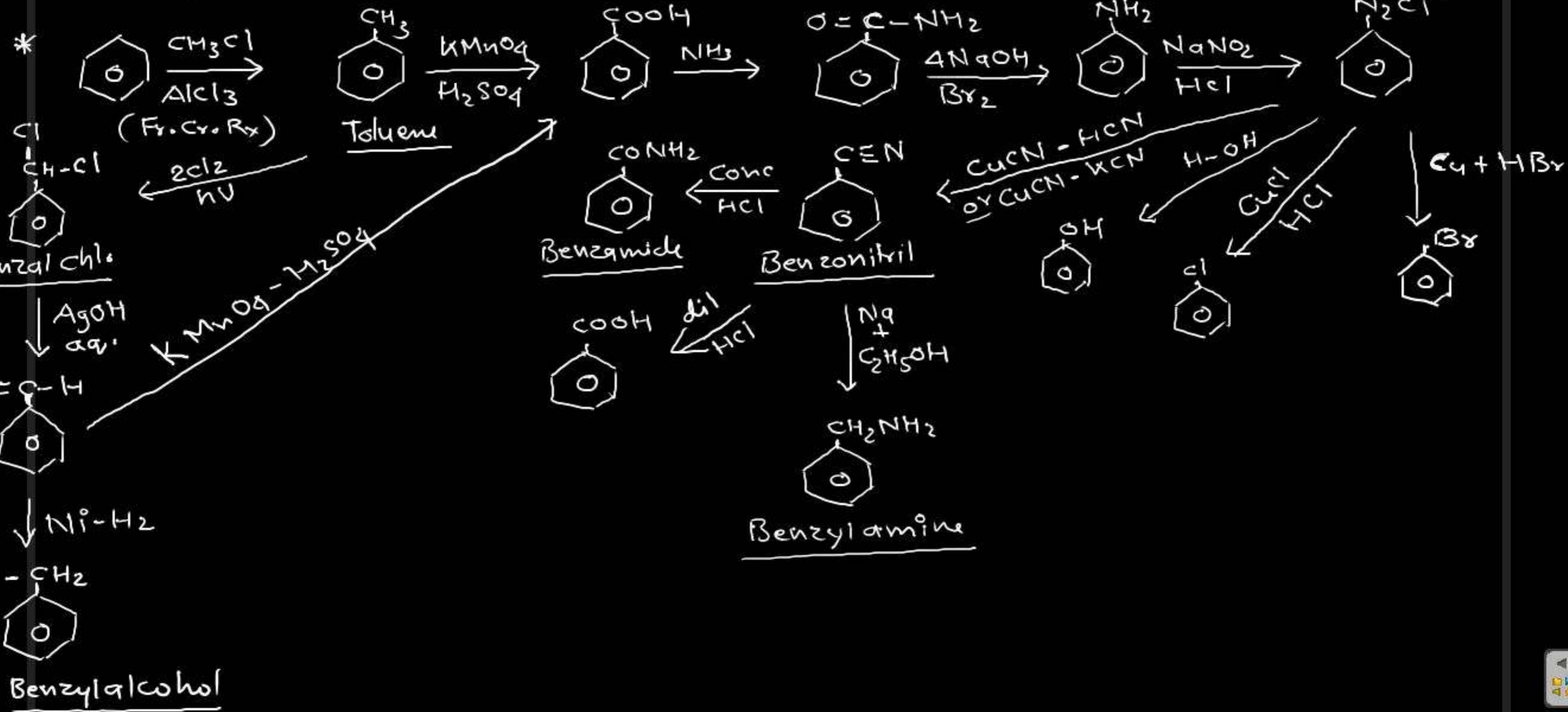
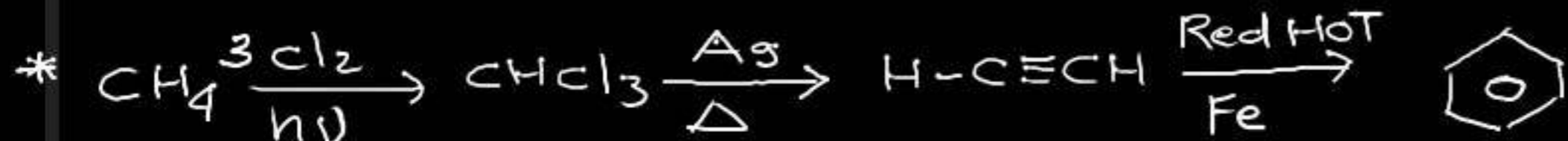


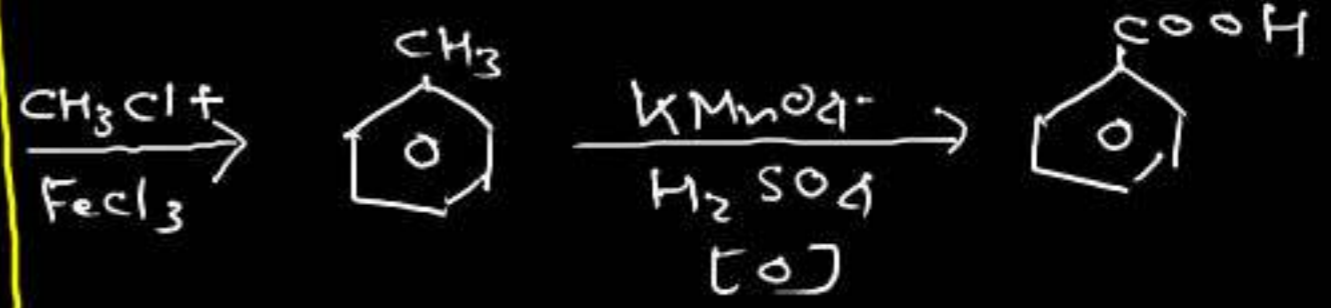
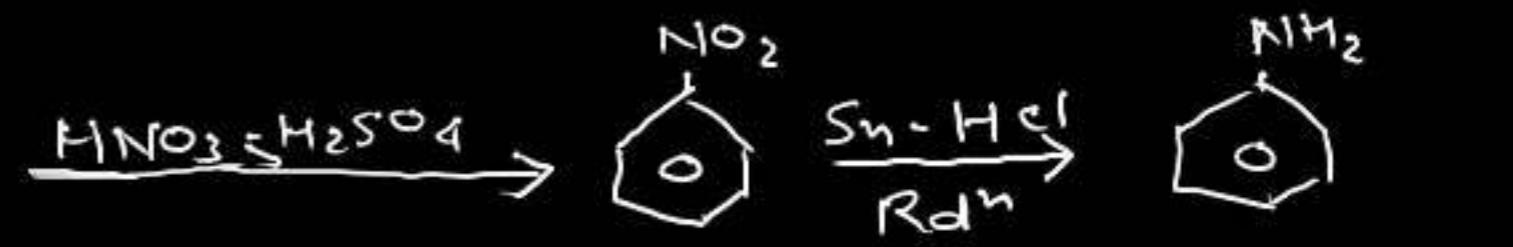
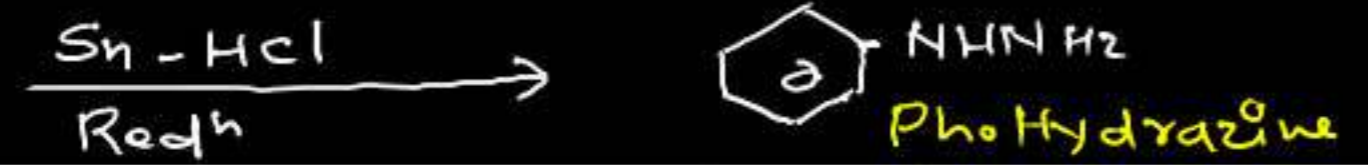
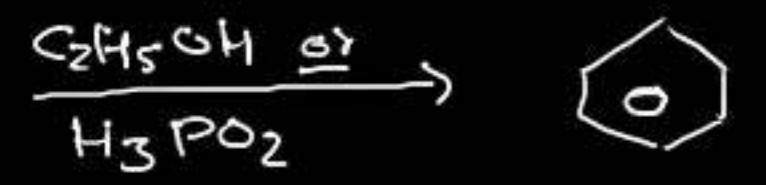
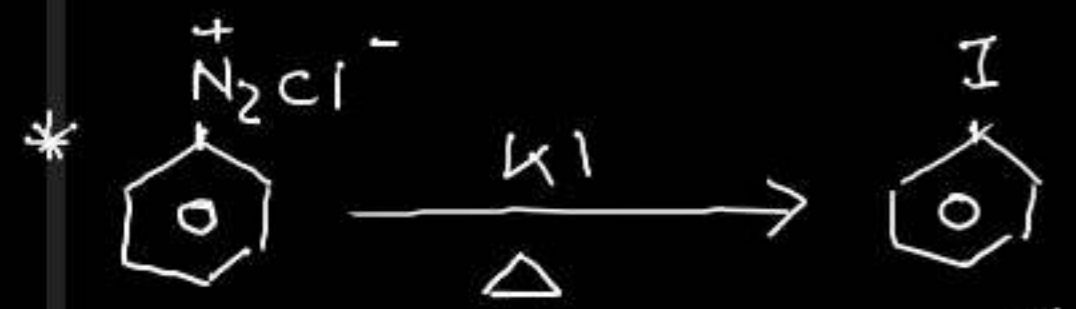
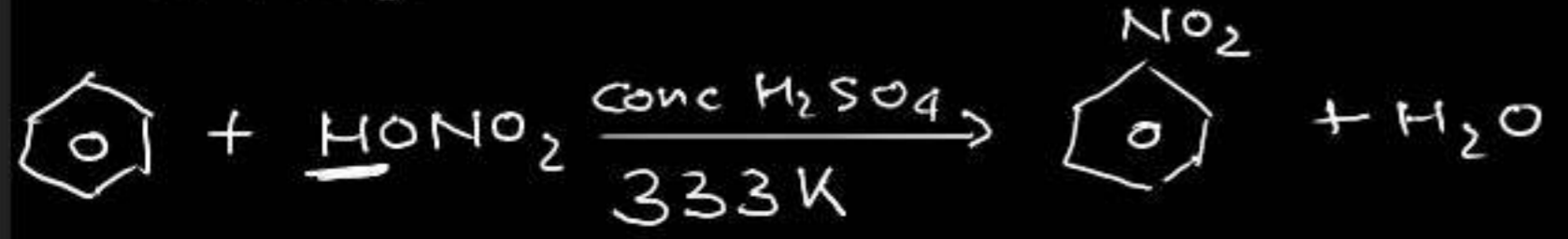
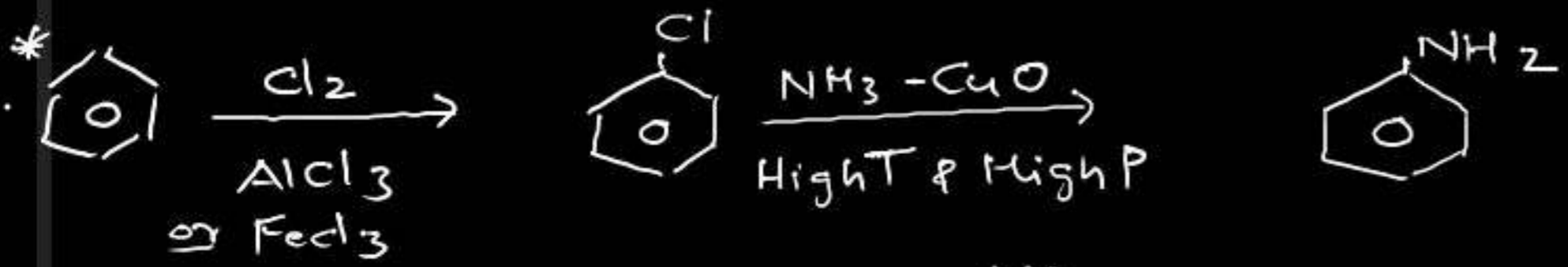


(9) Nitro \longrightarrow Amine \longrightarrow Nitro

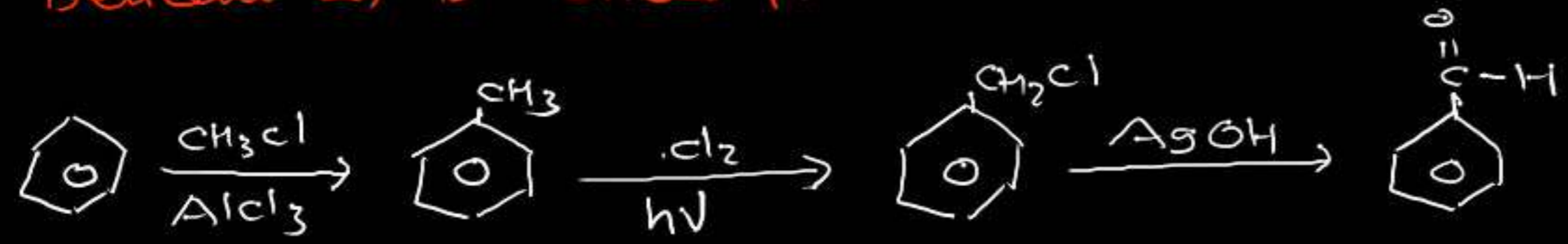


* Aromatic Conversions



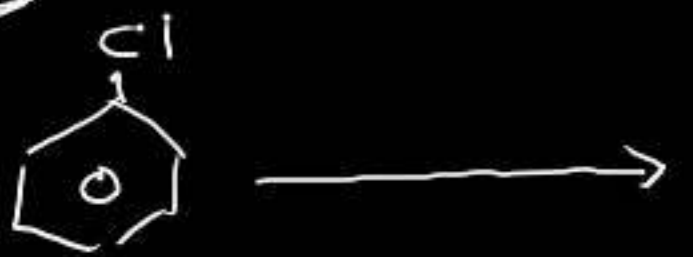


Q. Benzene \rightarrow Benzaldehyde

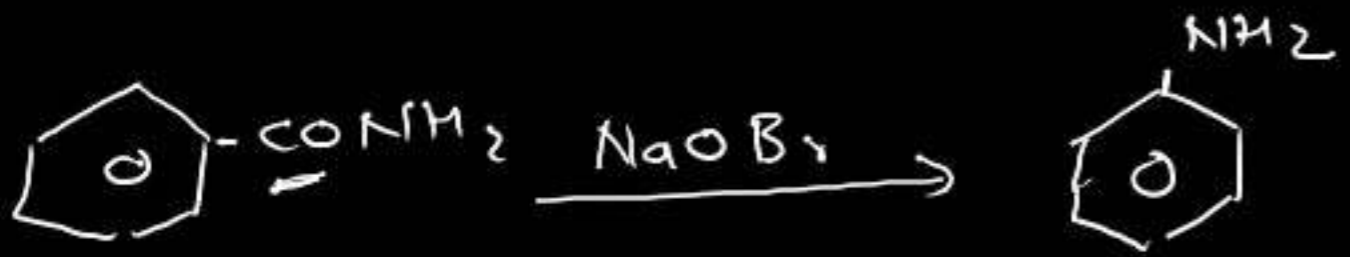


Q. Chlorobenzene \rightarrow ClCc1ccccc1

H.W.



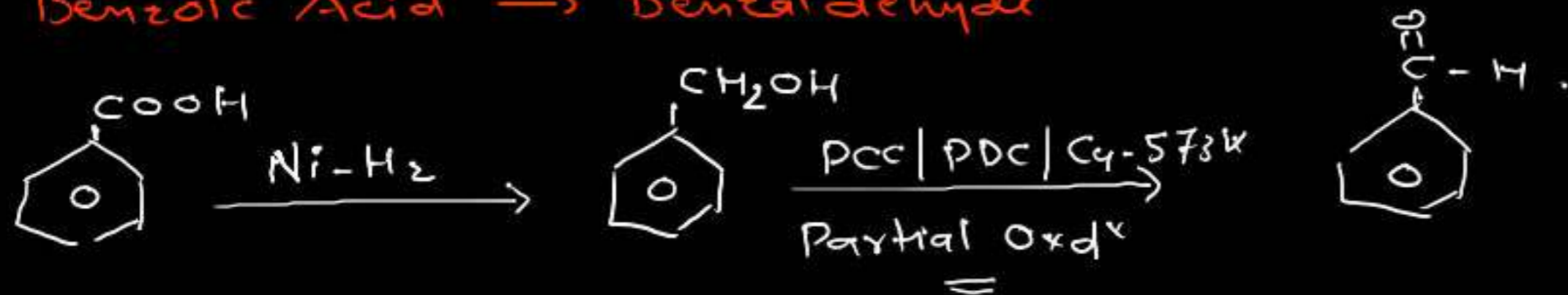
Q. Benzamide \rightarrow Aniline.



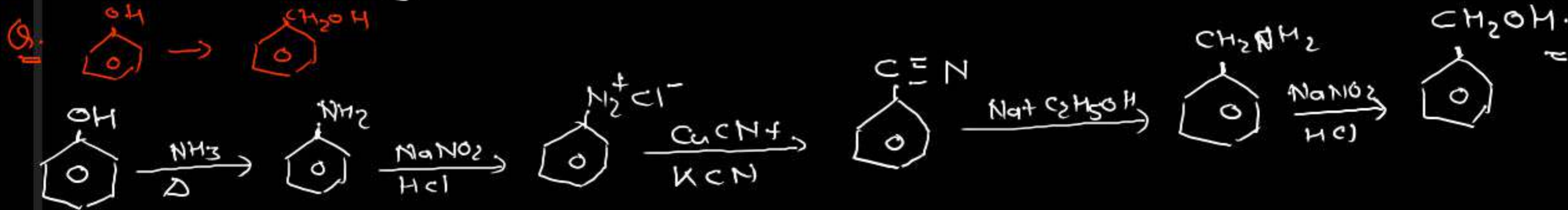
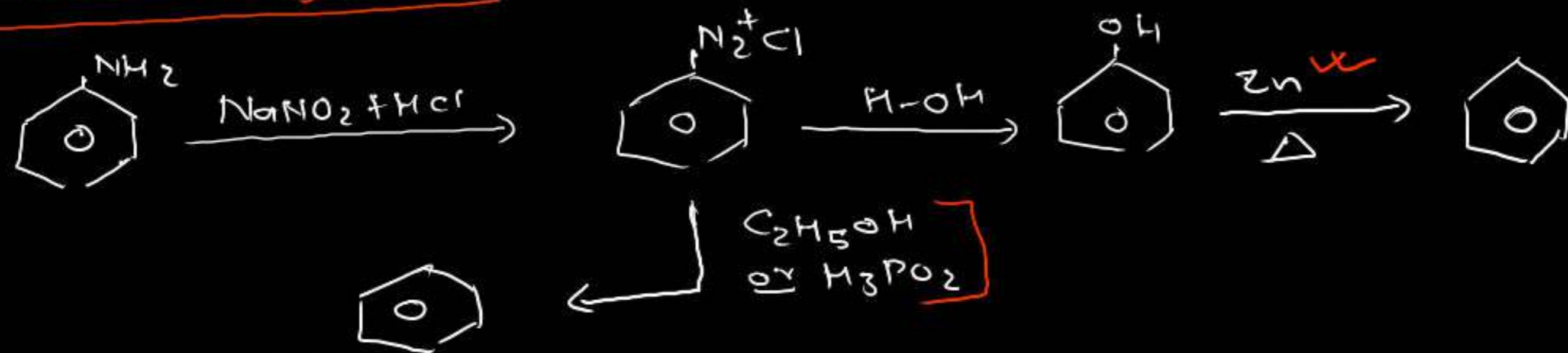
Q. Aniline \rightarrow Benzamide



Q. Benzoic Acid \rightarrow Benzaldehyde



Q. Aniline \rightarrow Benzene



* Distinguishing Tests.

* 2 to 3 dist. tests.

* (a) write Reaction (b) write theory.

* Test for Aldehyde & Ketones. $\begin{matrix} \text{O} \\ \parallel \\ -\text{C}- \end{matrix}$

(a) Tollen's Reagent Test

(b) Fehling's Solⁿ Test

(c) Iodoform Test

(d) Schiff's Reagent Test.

* Test for Carboxylic Acid (*Stronger acid than phenols & Alcohols).

(a) NaHCO_3 Test (Sod. bicarbonate Test).

(b) FeCl_3 Test.

(c) Esterification.

