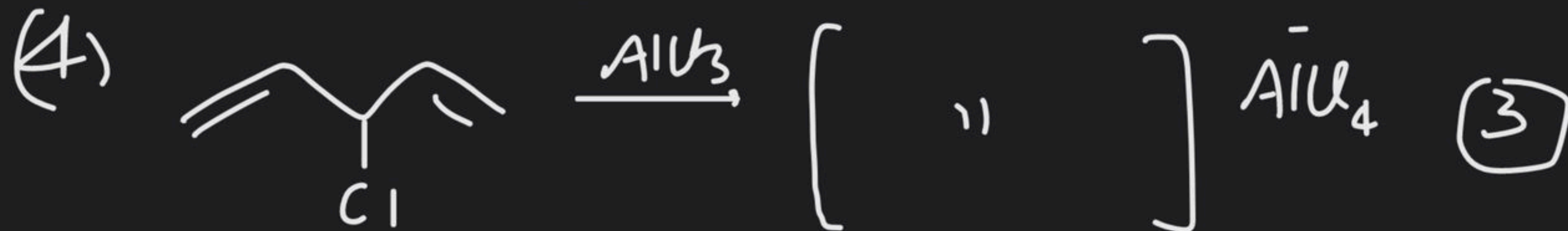
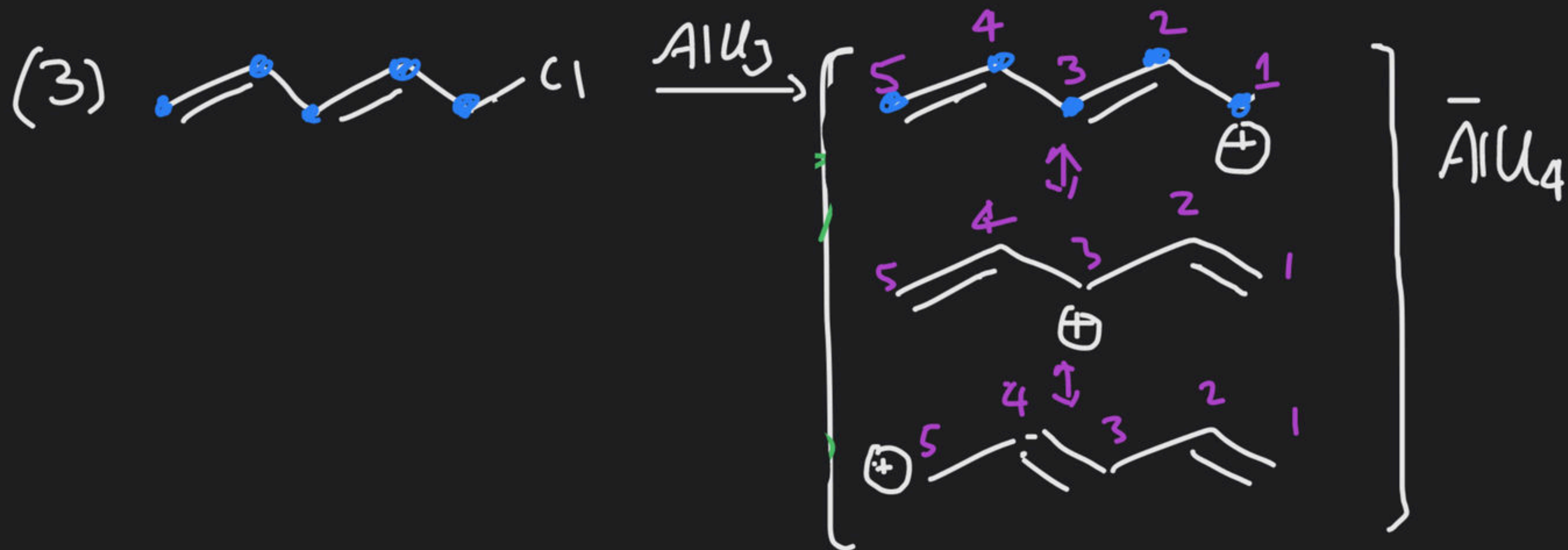
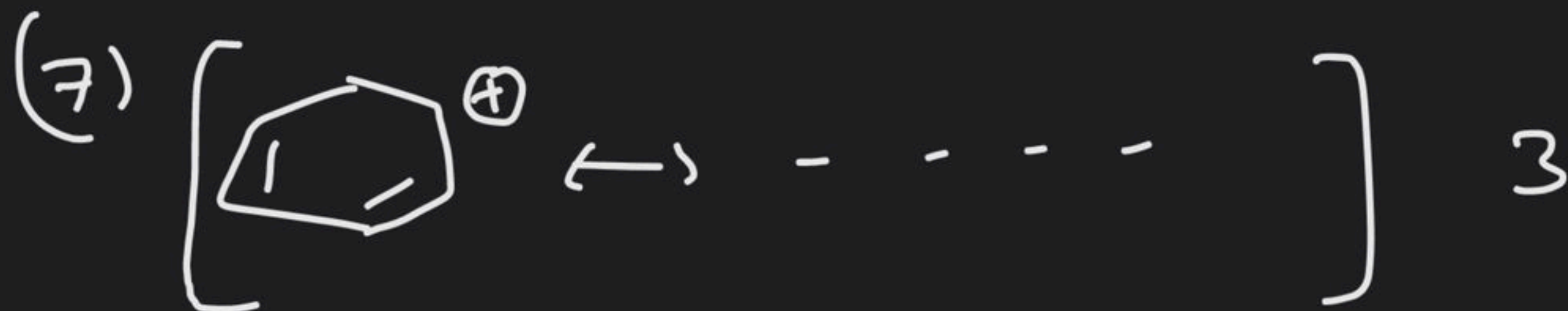
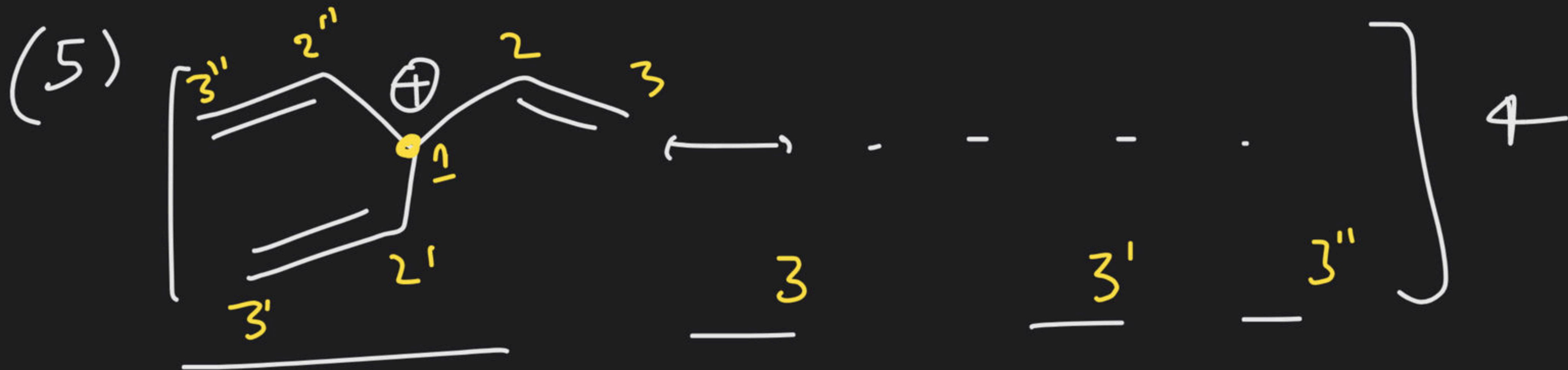


# Rules for Drawing Resonating Structure - II

Course on General Organic Chemistry (GOC) for Dropper 13th students

# no Discussion

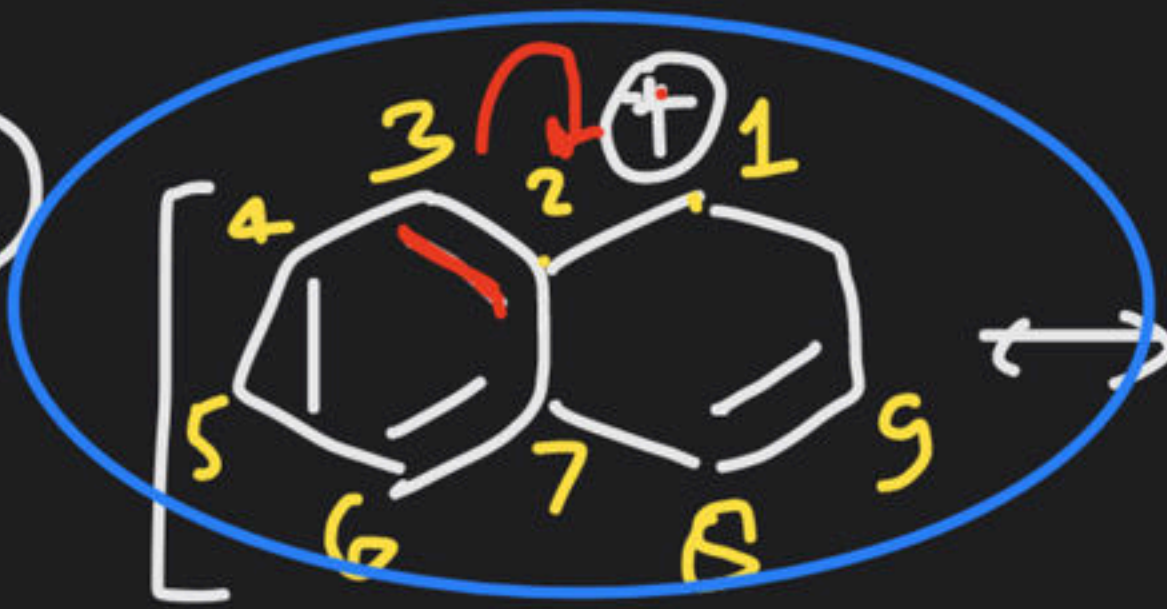




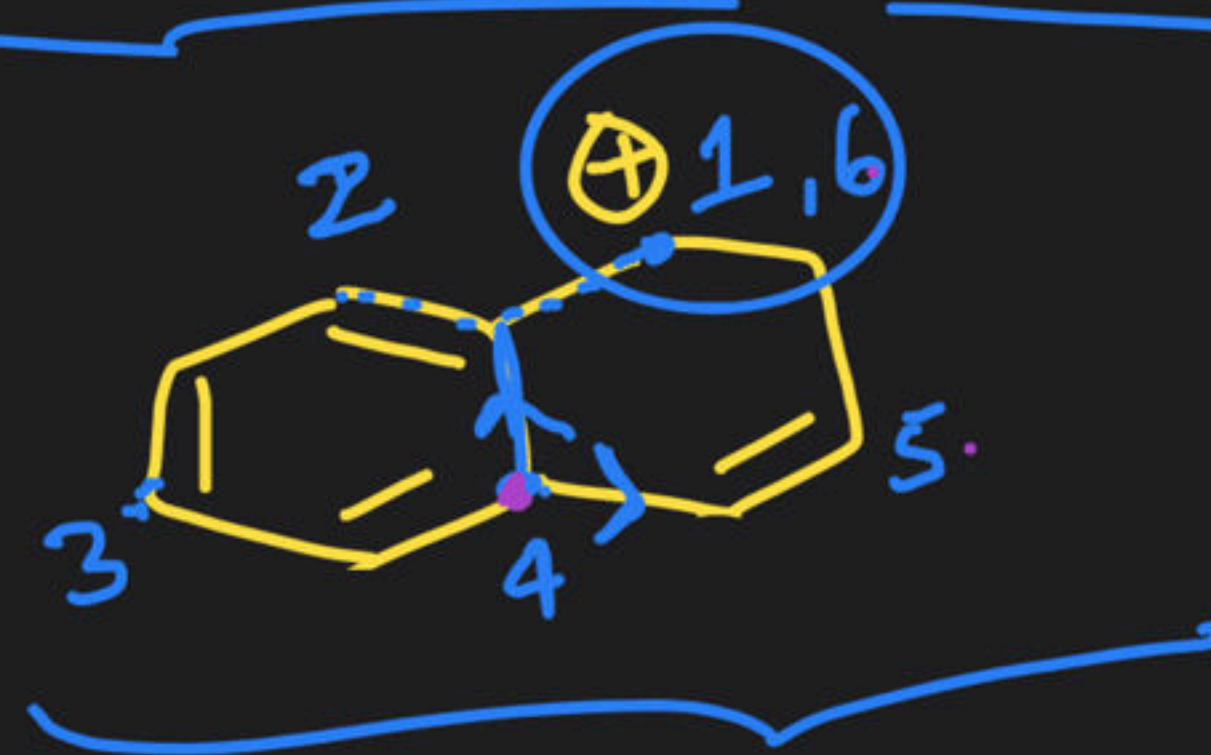
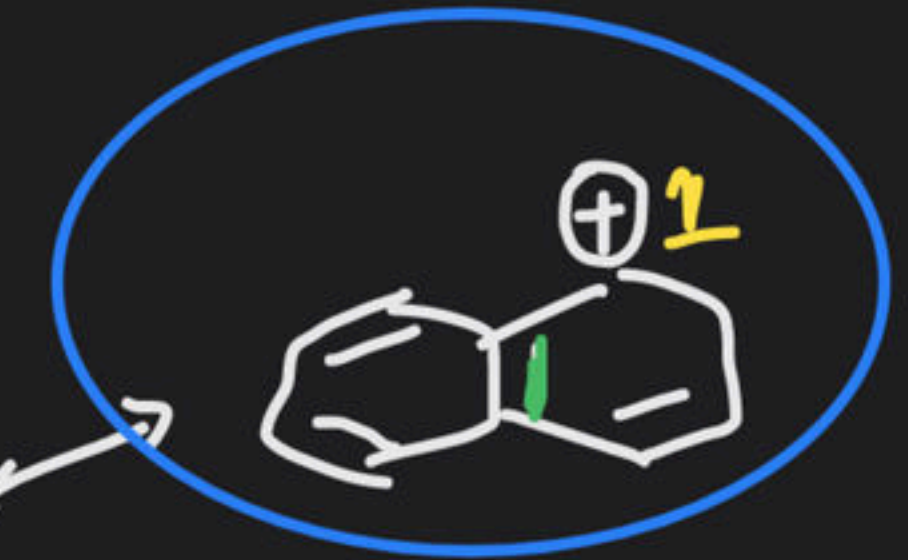
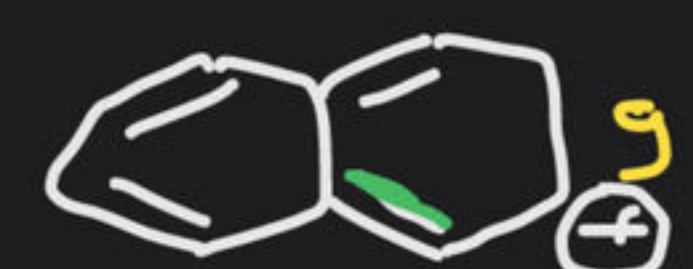
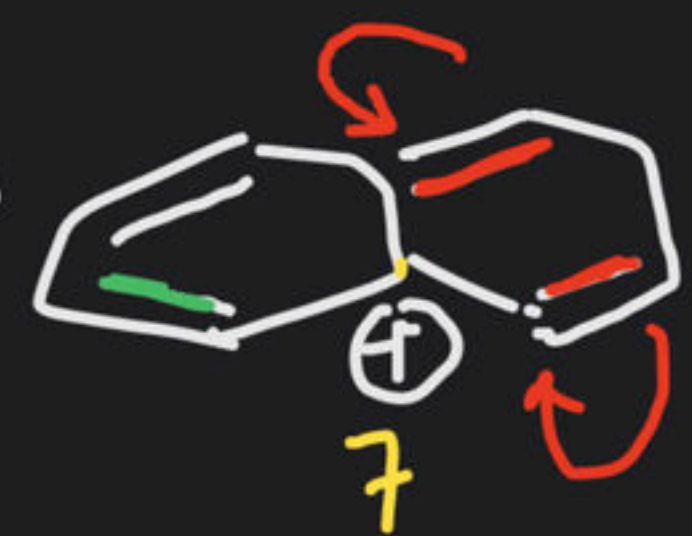
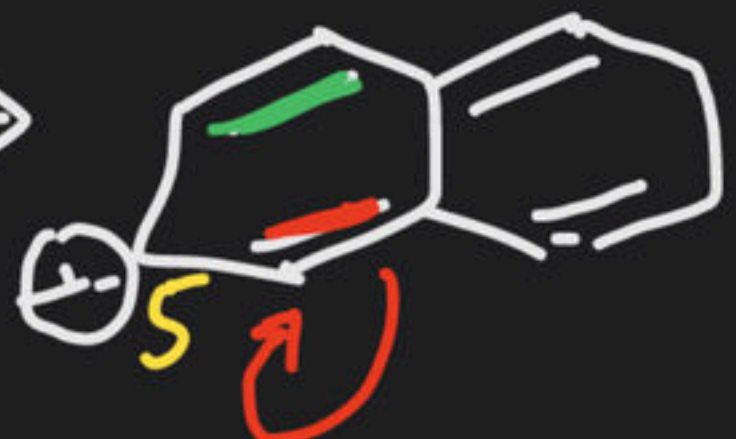
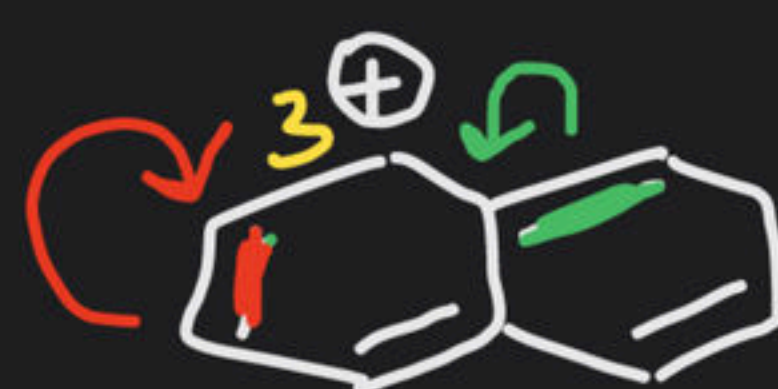


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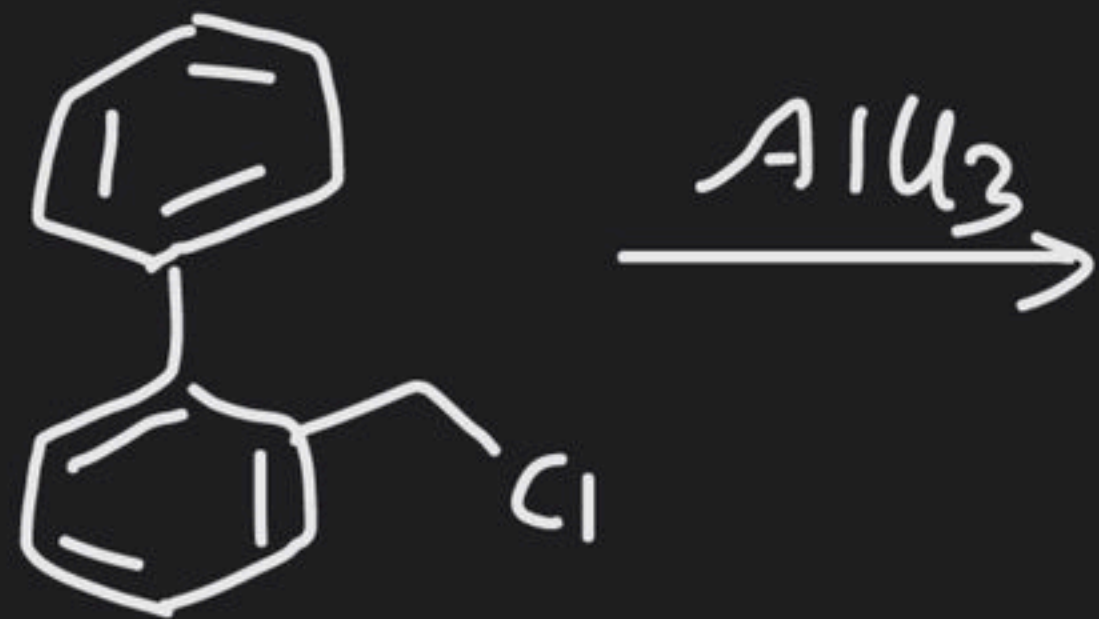
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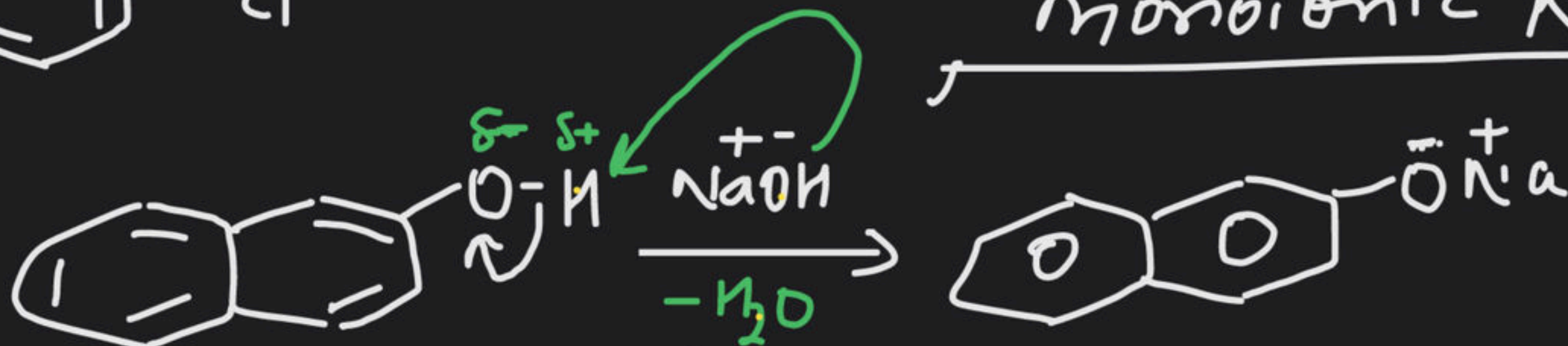


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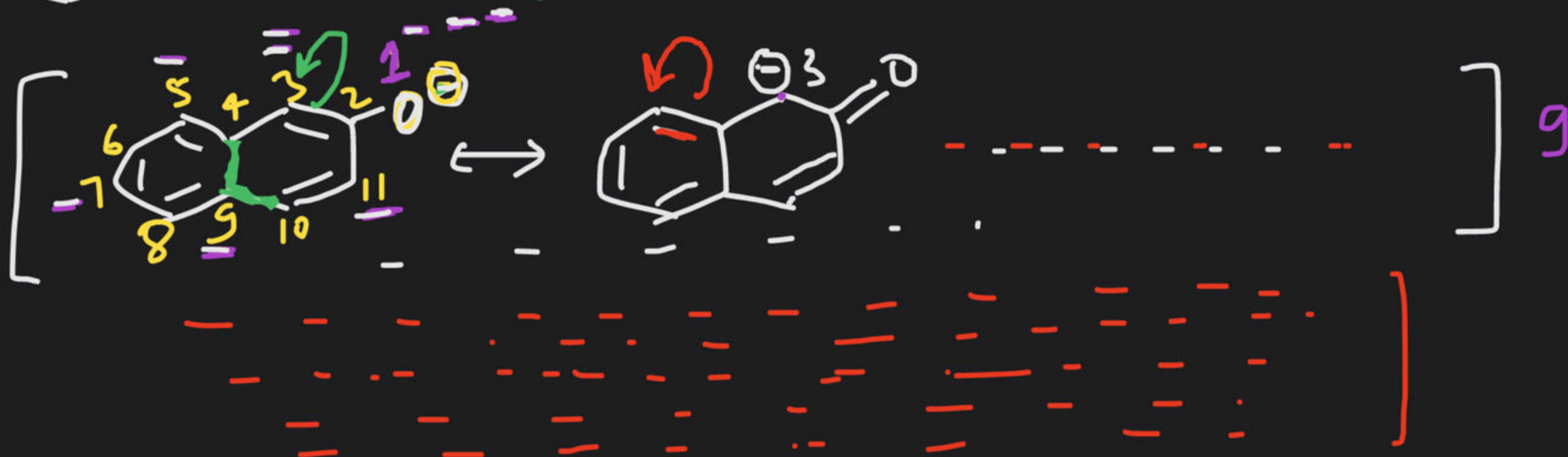


Monocationic R-S

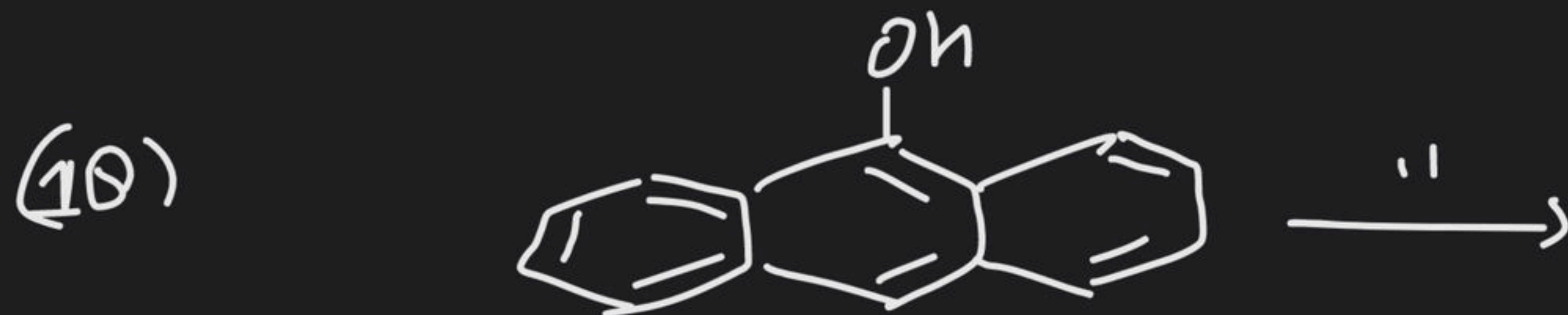
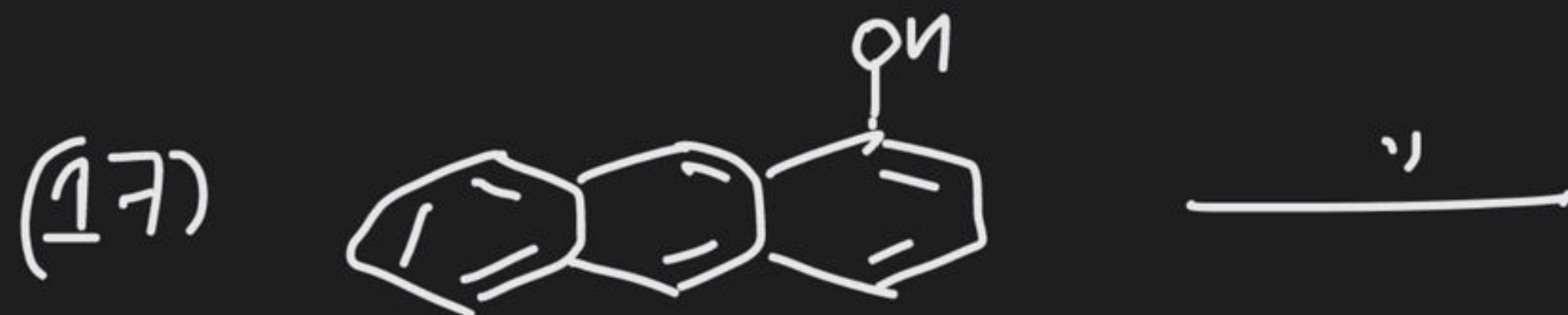
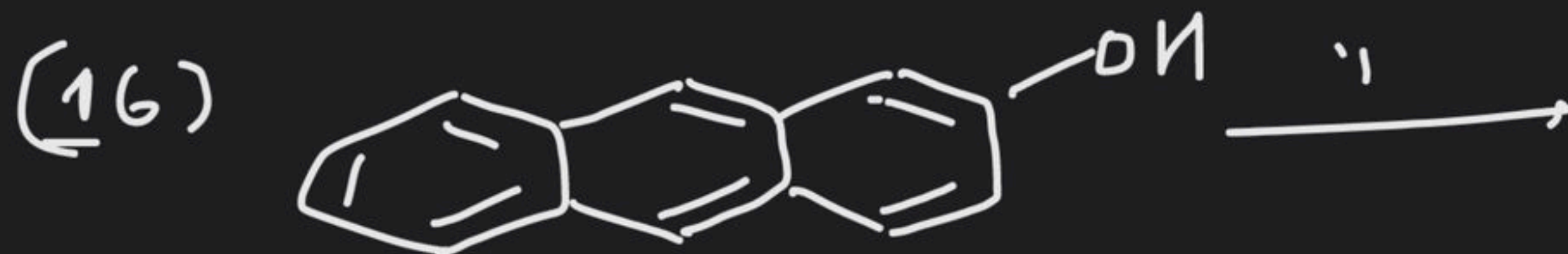
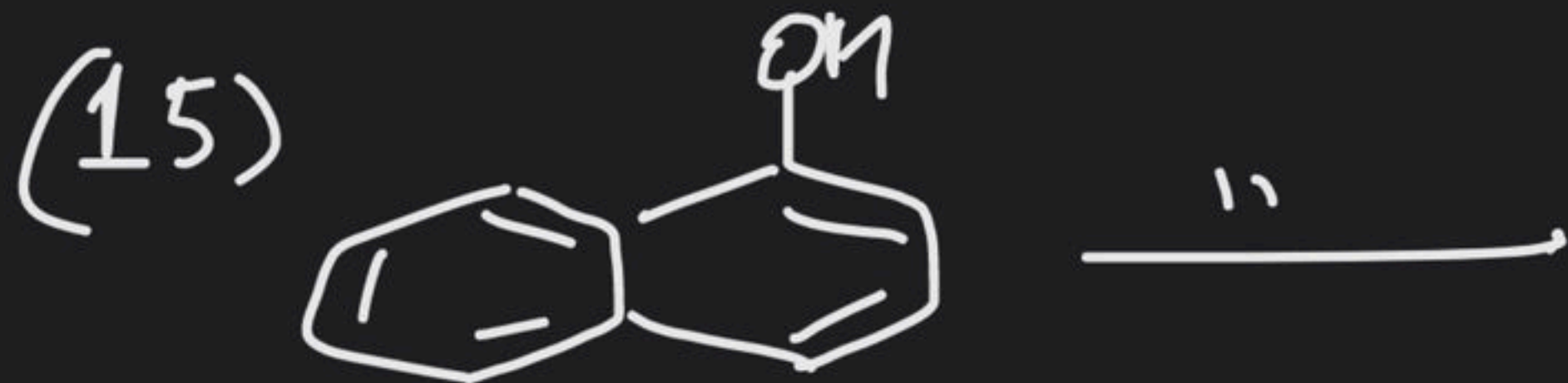
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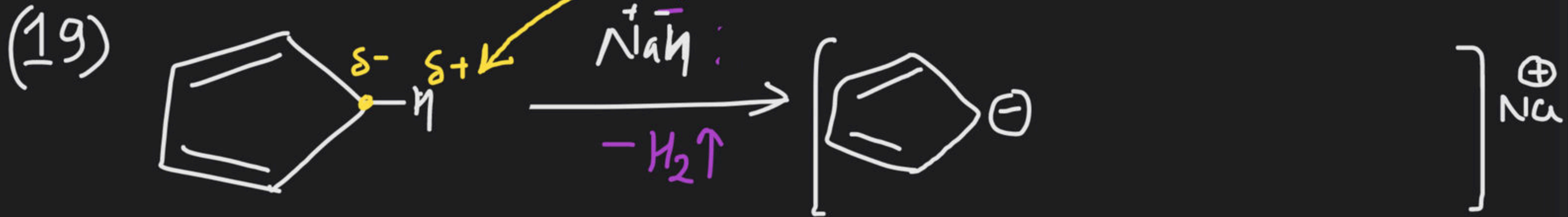


Soln?



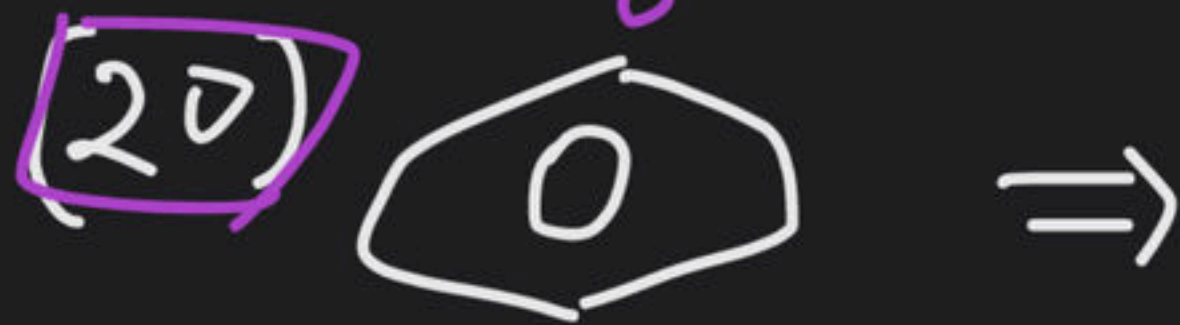






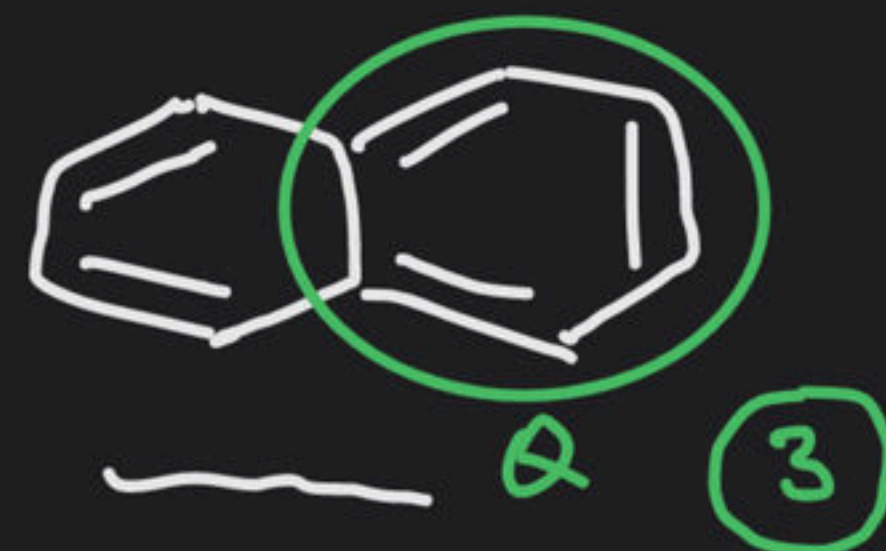
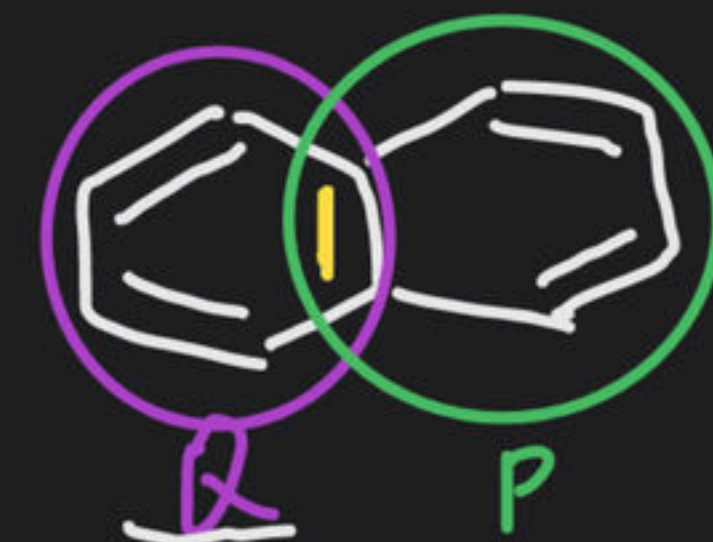
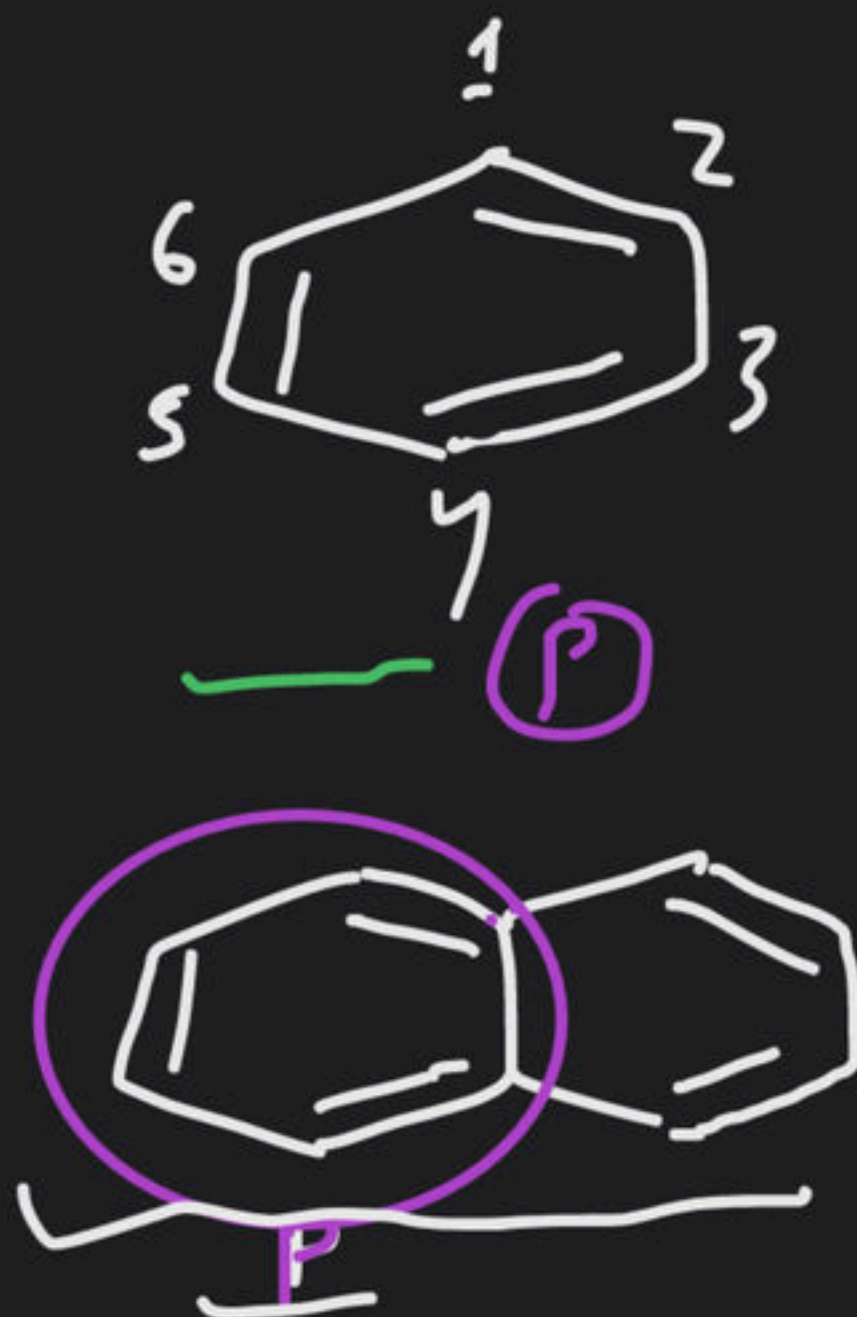
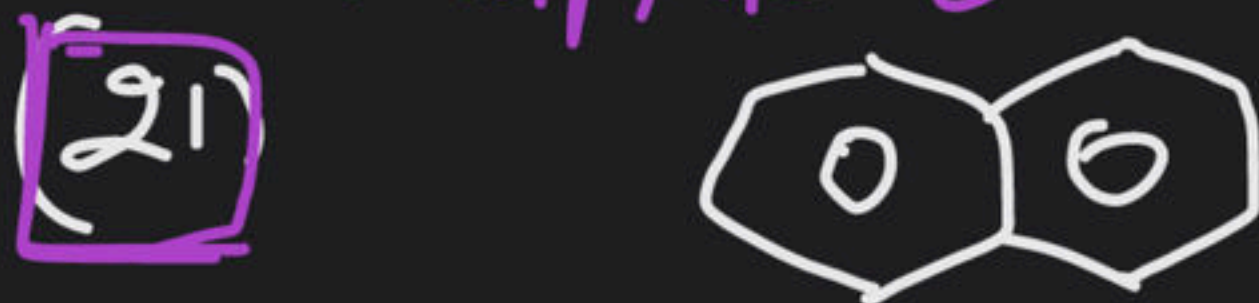
(#) Calculate Total no. of Benzoid R-structure.  
Neutral.

Benzene



2

Naphtlene



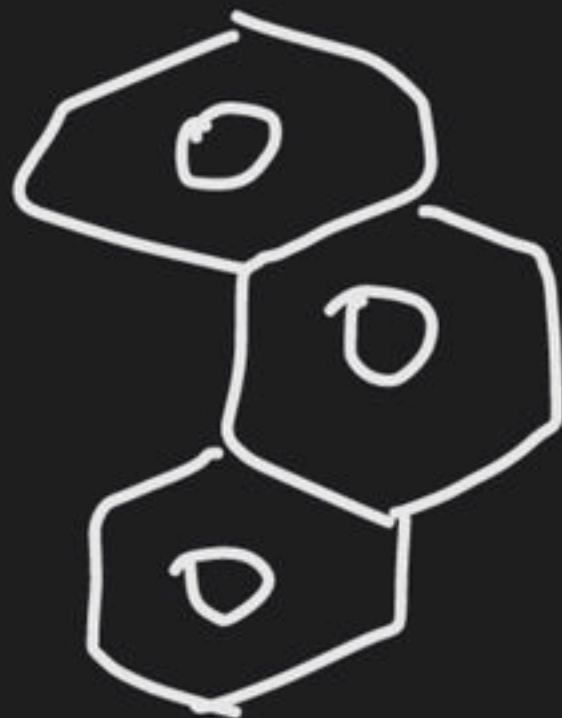


(22) Anthracene



[

(23) Phenanthrene

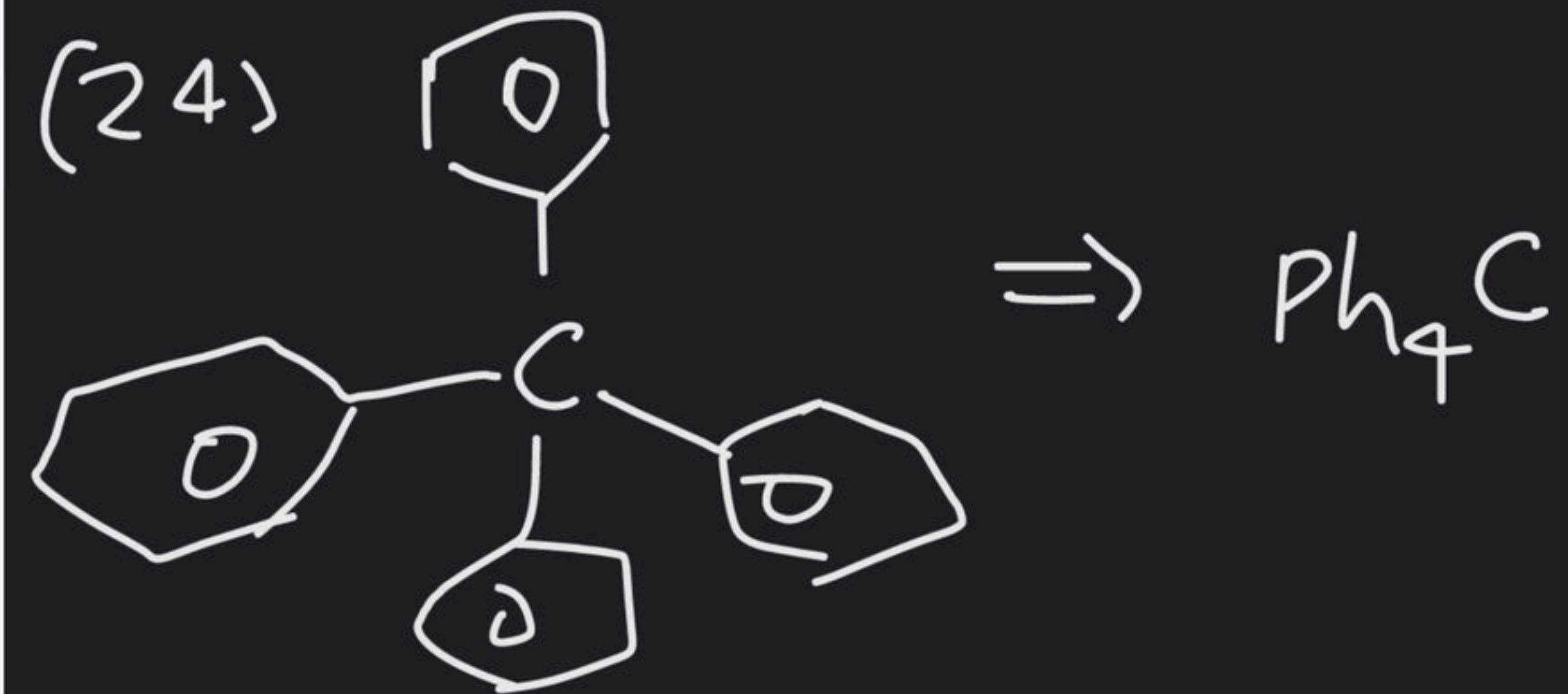


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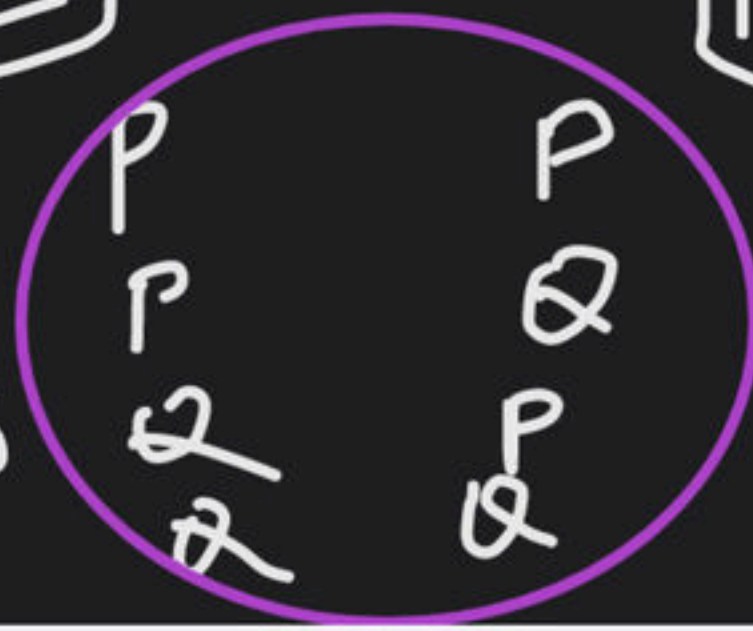


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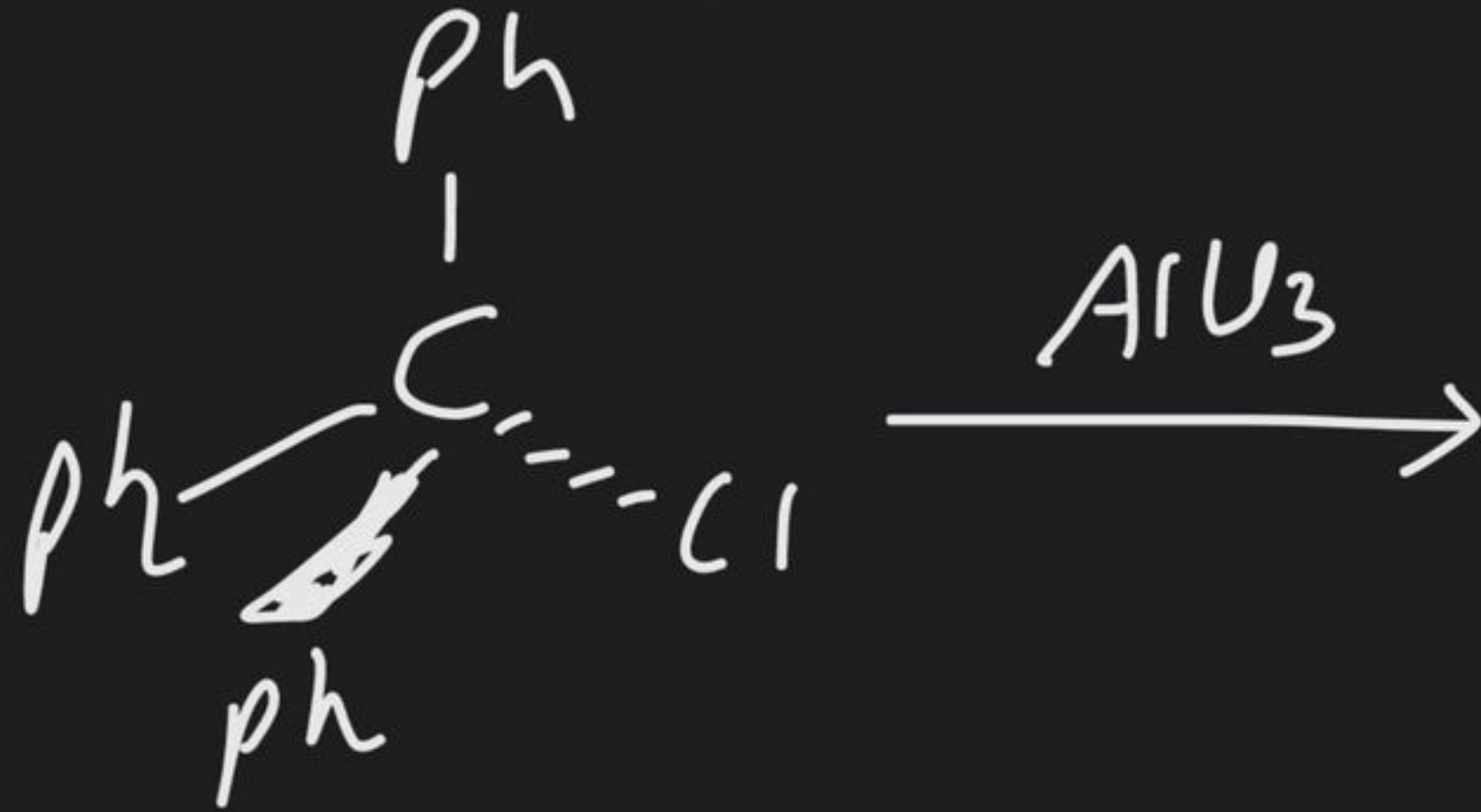


~~(26)~~



- (A) 1
- (B) 2
- (C) 3
- (D) 4
- (E) 6

(20) Total no. of monocationic RS of product of following Reaction



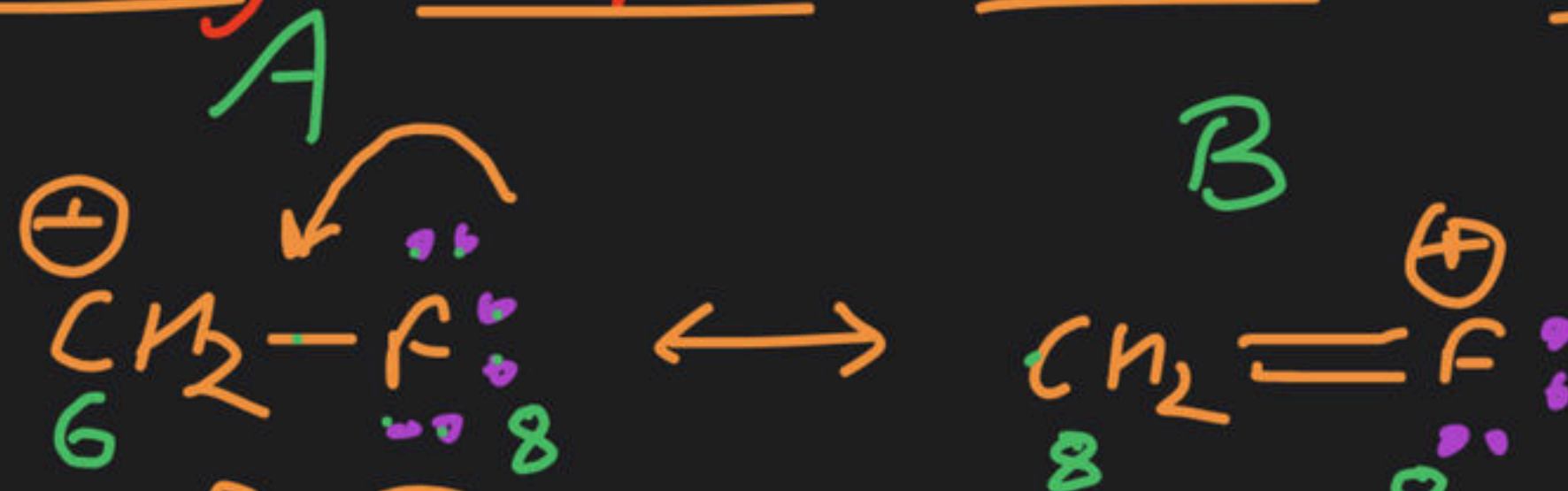


# (#) Rules for stability of R.Str.

Rule-1

R.S having complete octet is more stable.

Ex-1



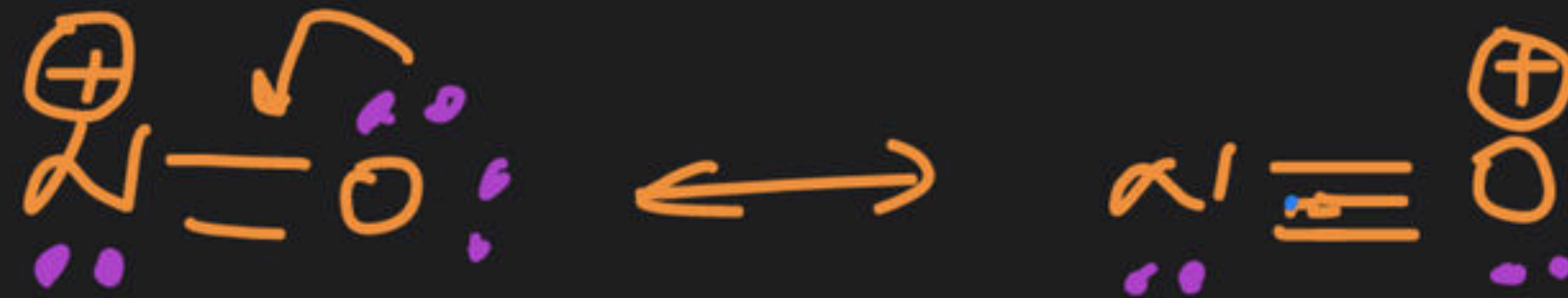
(II > I)

Ex-2



(II > I)

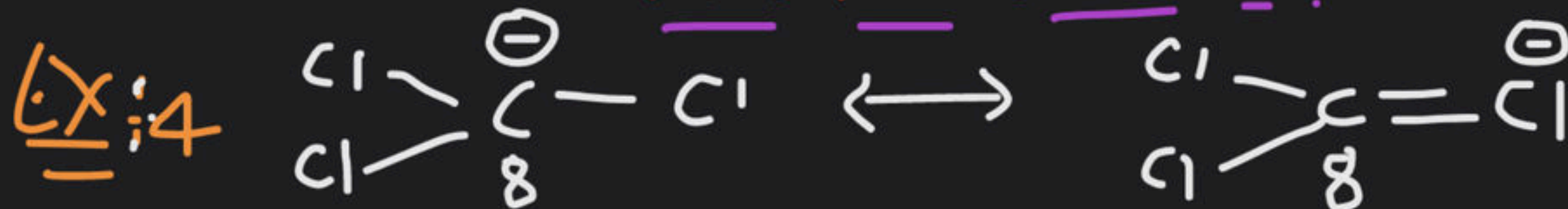
Ex-3



(II > I)

Rule-2

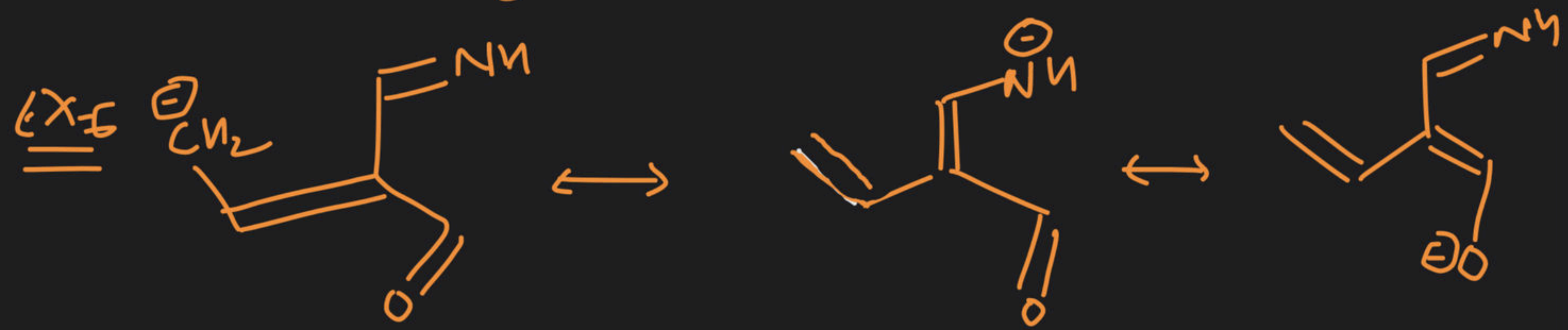
R.S having higher no. of Covalent Bond is more stable. (less hyp)



(II > I)



**Rule-3** RS having  $\rightarrow$  charge on E<sub>1</sub> atom & (+)ve charge on electropositive atom is more stable.

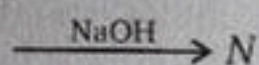
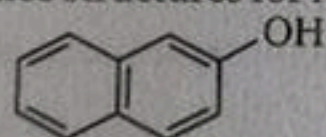




▲ 7 • Asked by Ayush

.....yahi question tha sir

7. The number of resonance structures for  $N$  is :



[JEE (Advanced) 2015]

▲ 6 • Asked by Badal

Charansparsh guruji mai 15 August ko subscribtion liya aur  
maine dheere dheere sara backlog khatam kar liy h aur mai  
abb live ajj se join kar rha hu  
(Aashirwad de guruji )

