

Course on Structural Isomerism & Geometrical Isomerism

Basic Stryth



(1) localised > delocalised e pair

( DeDike 10 cal. M

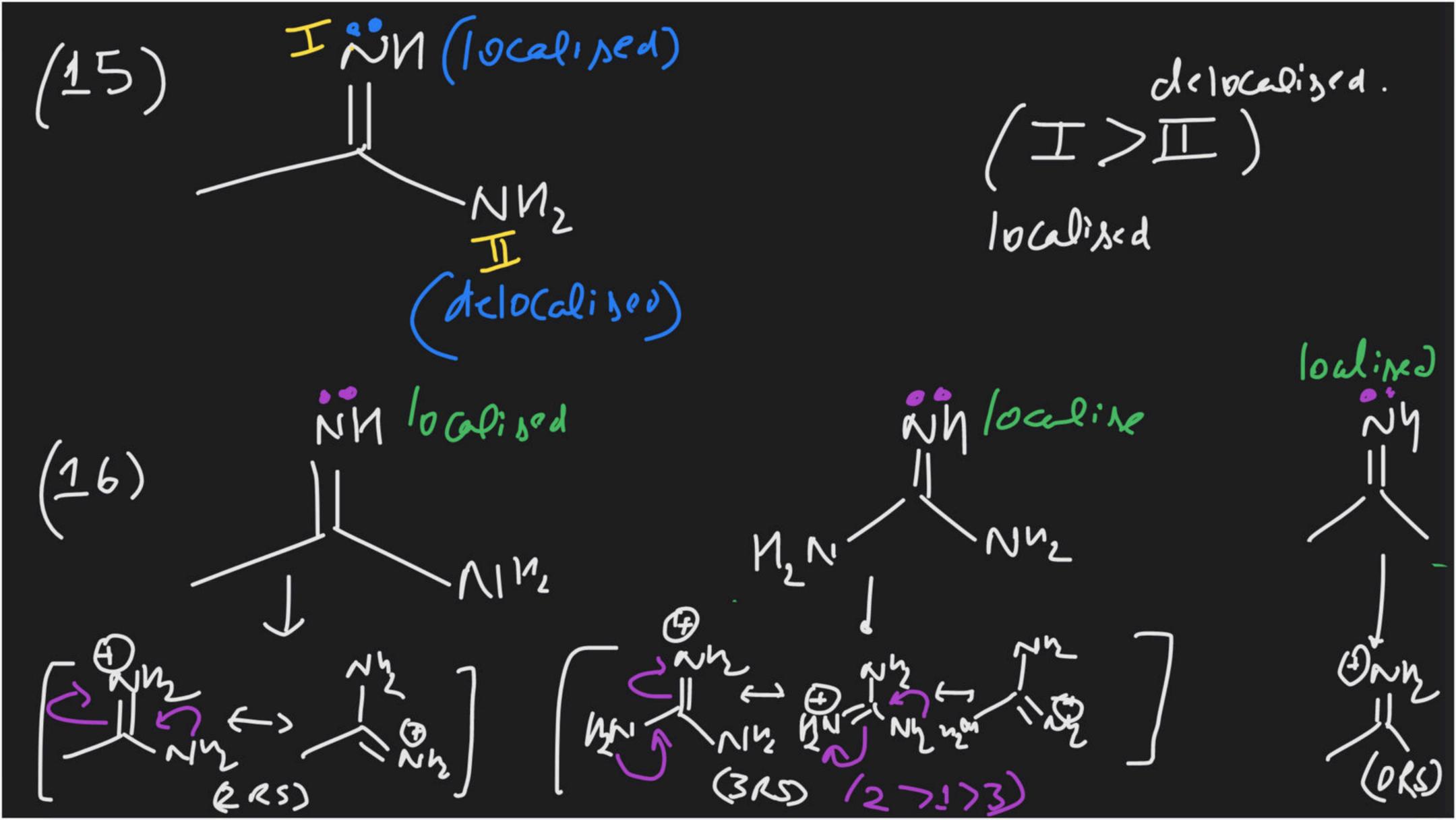
(ii) check stability of conflynk Acid

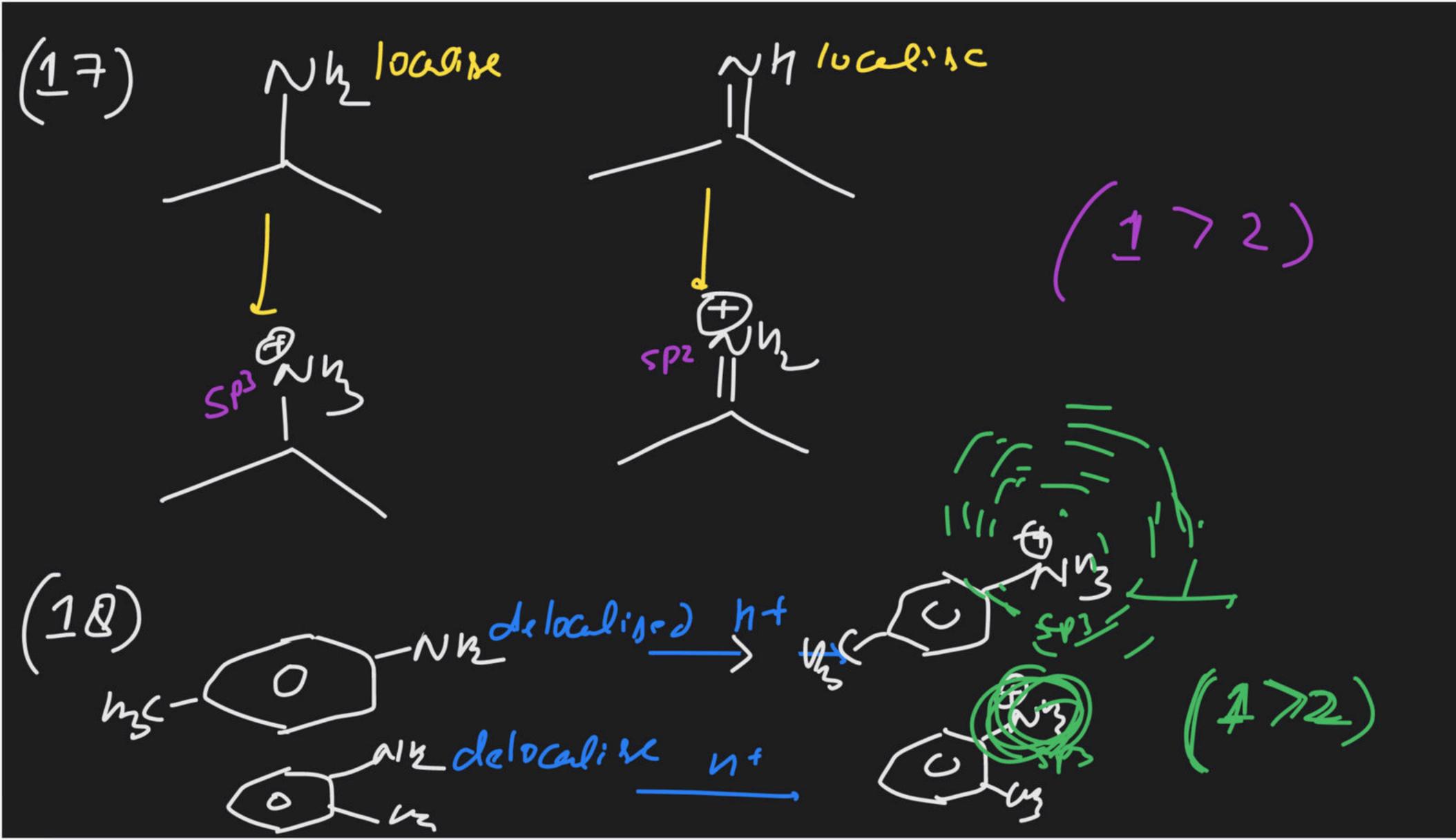
Resonance

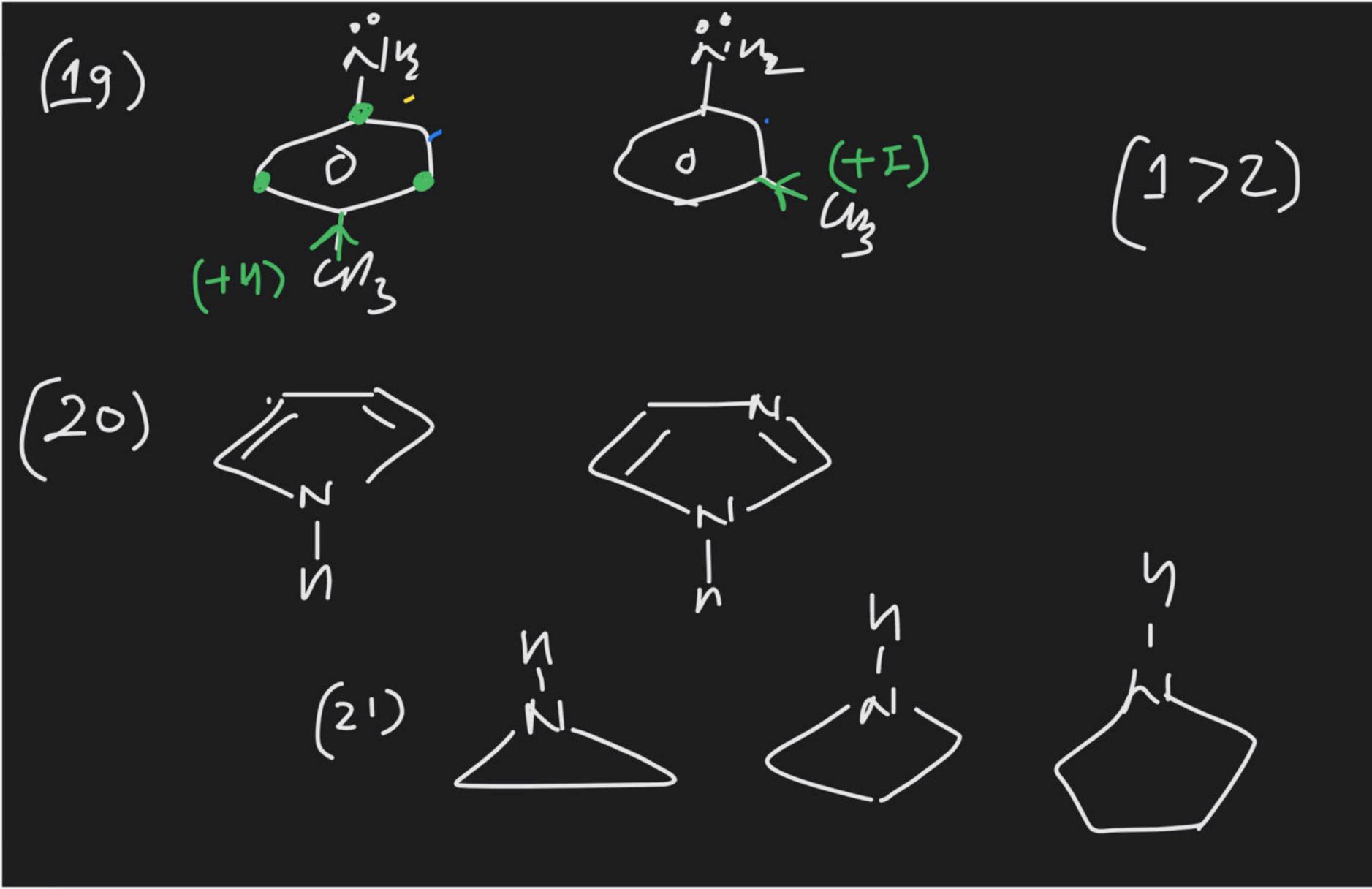
Sp3 > Sp2 > SpN mp>0

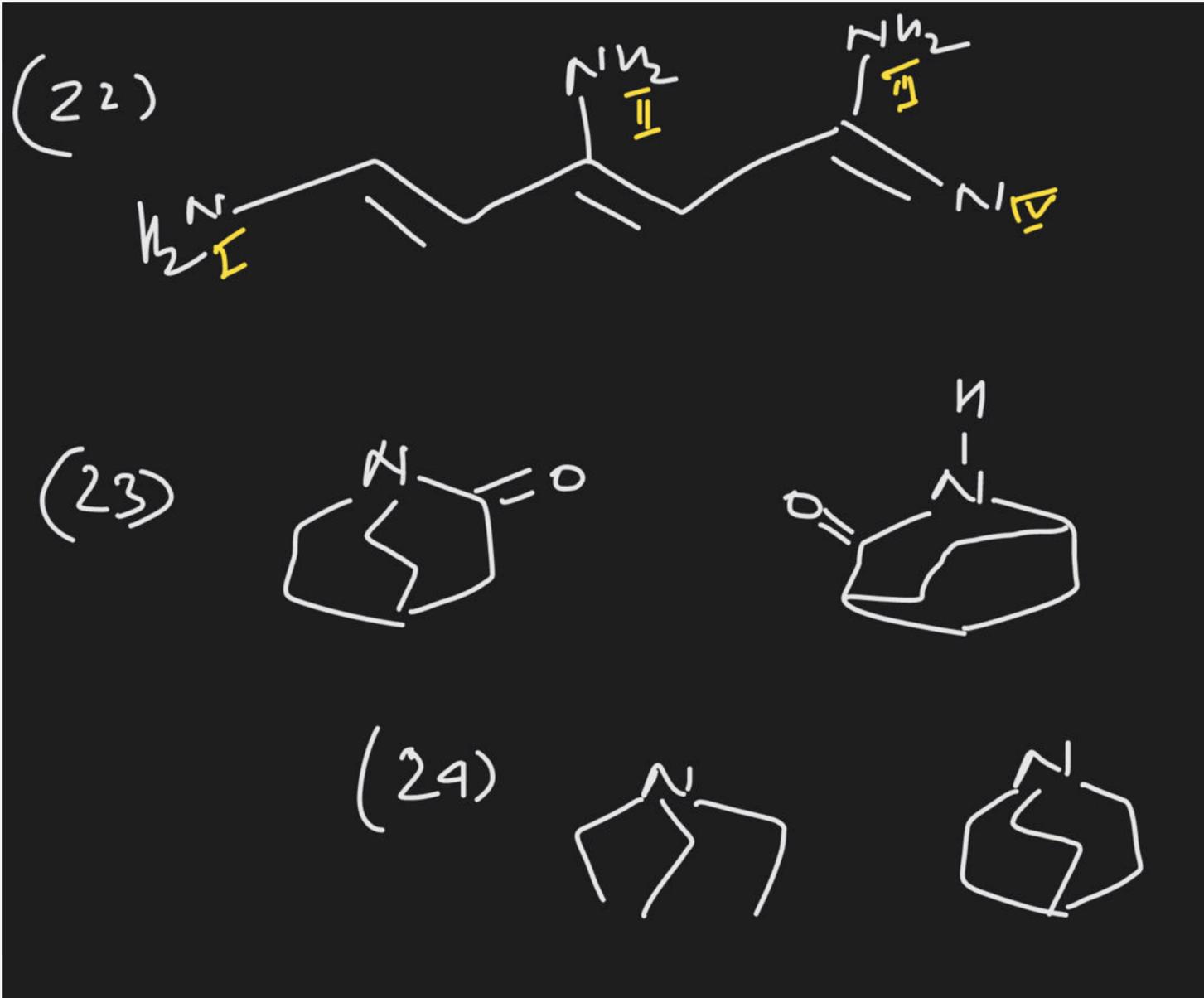
Stablined Nhybridistion (Solvation)

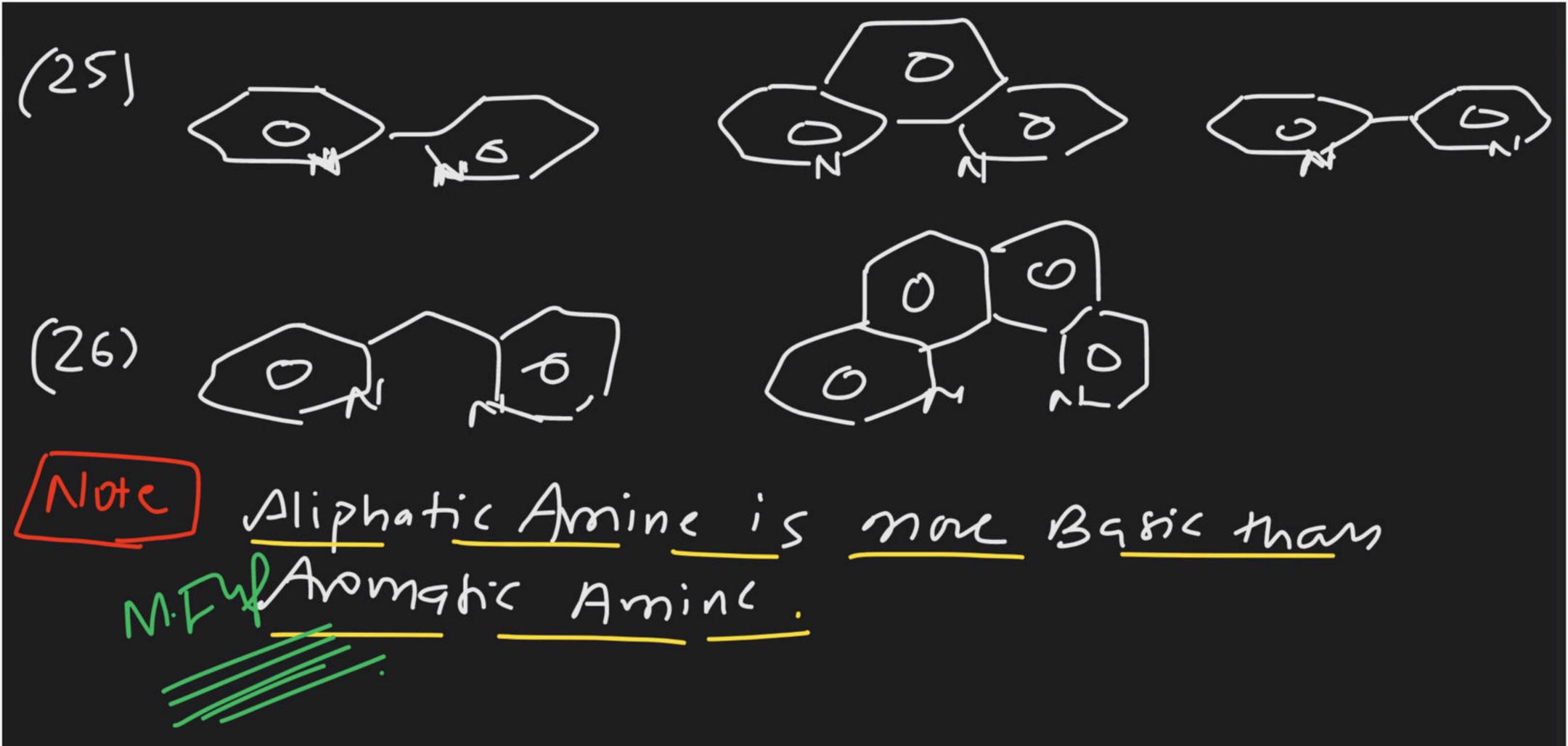
Phybridistion (Solvation) (111) Observe effect of attached atom/group

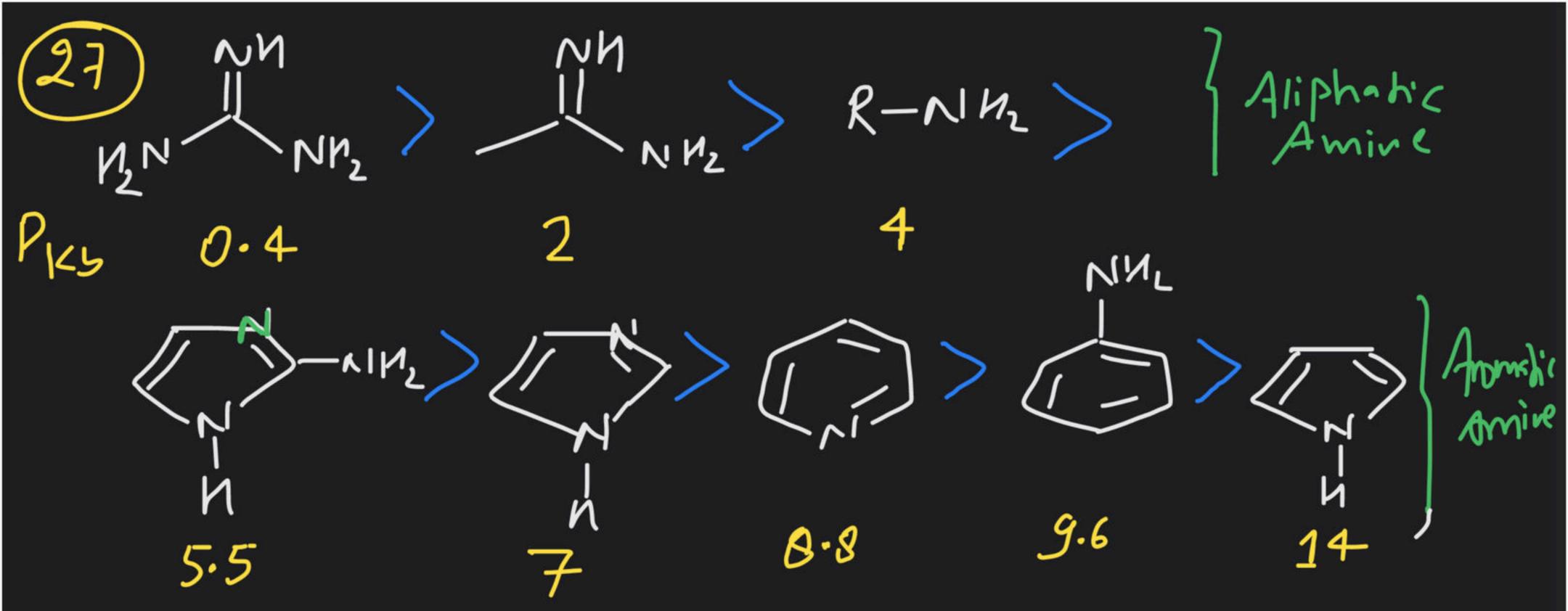












ISOMONIQM Posiher:-(2) Position isomers (=) Chain POSition (-NOZ) 1) (-me) (8) (-me) (19

 $\frac{17}{(13)} Position (-1)$ 

## (#) functional Isomerium

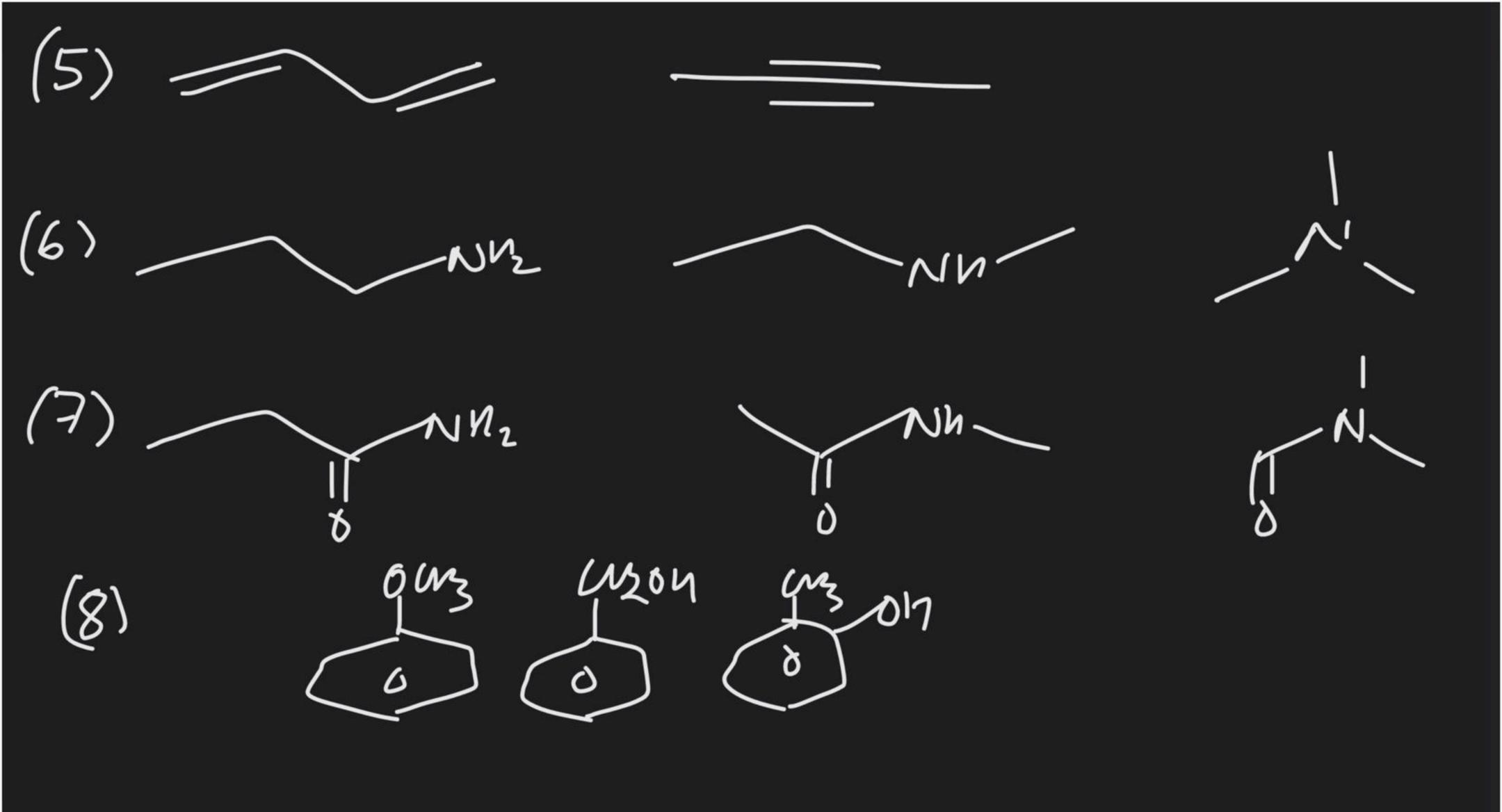
Composeds having some molecular formula but difftype of functional groups are known as furtional isomorps.

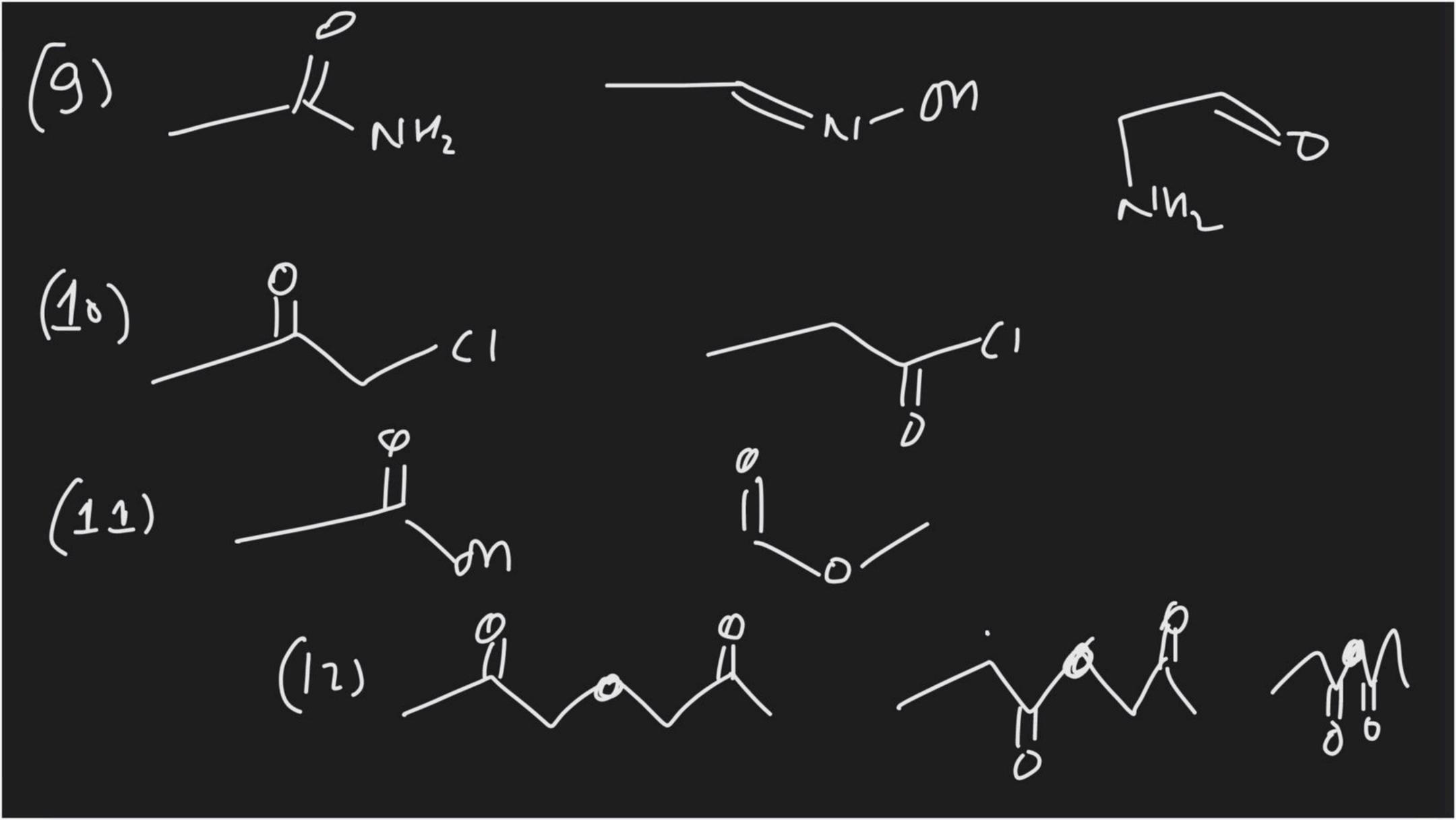
(1) 
$$Cn_3-Cn_2-On$$
  $Cn_3-O-Cn_3$  (furthood)

MF (2M60 C2MCO Save

Figures -OM(Allehol) -O-(Ether) diff.

(2)  $Cn_3-Cn-Cn_3$   $Cn_3-Cn_2-Cn_2$ 

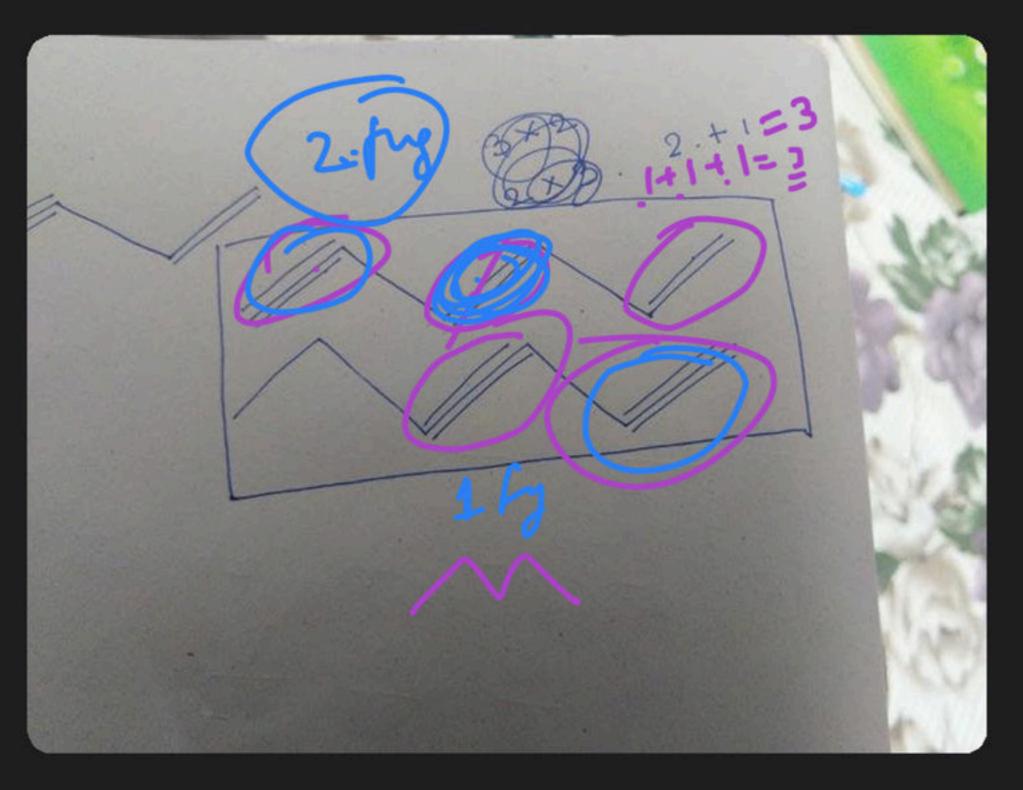


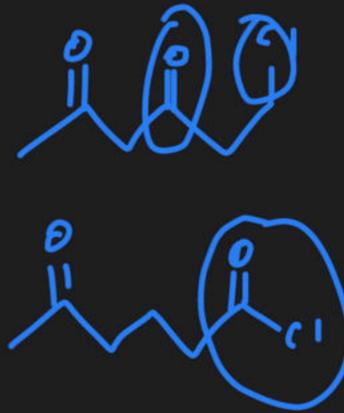


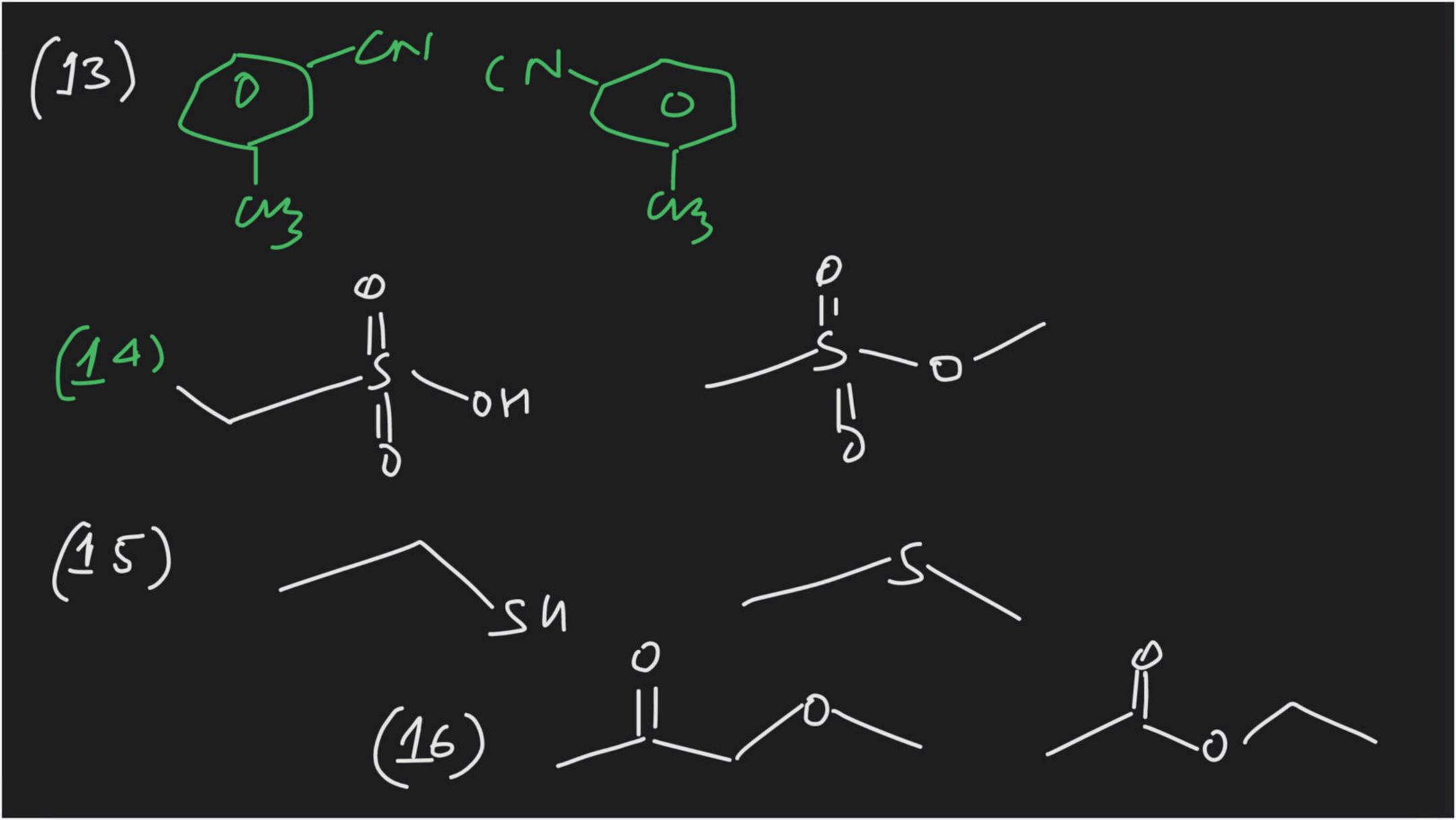


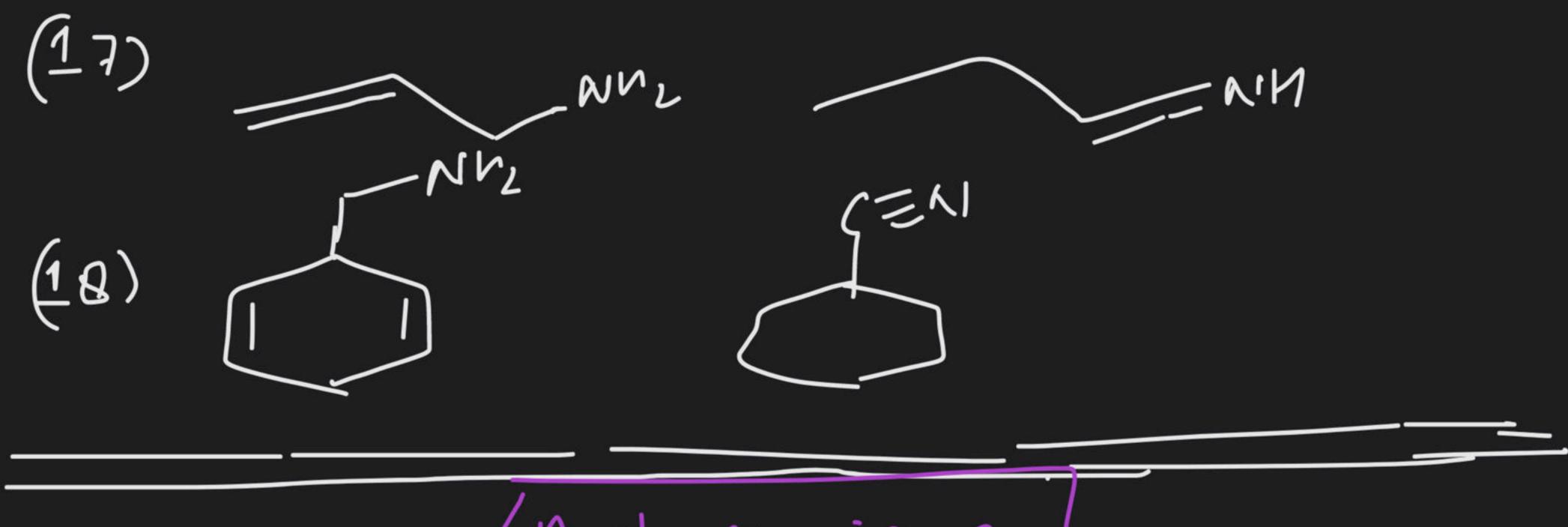
3 • Asked by Akanksha

Please help me with this doubt







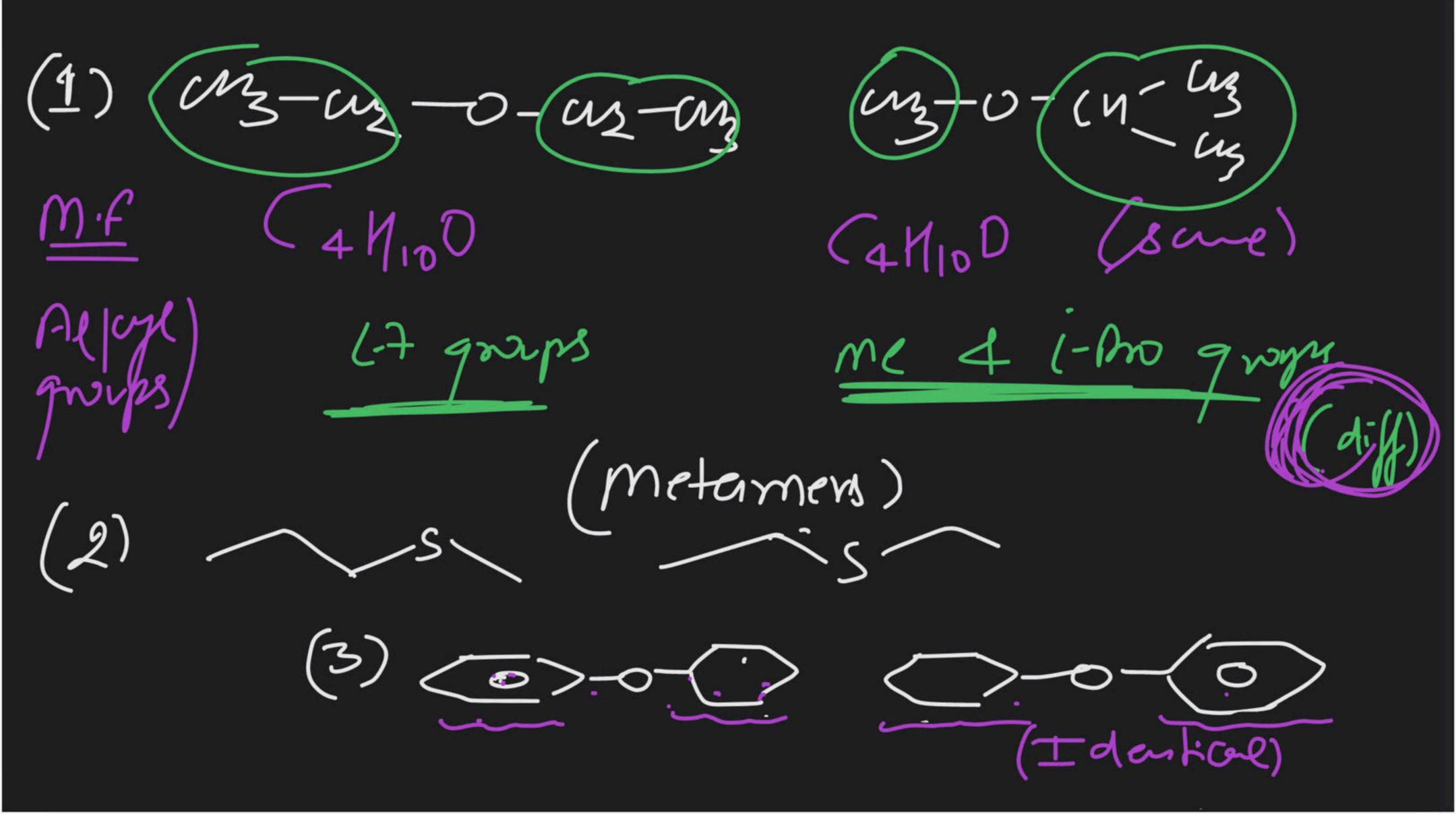


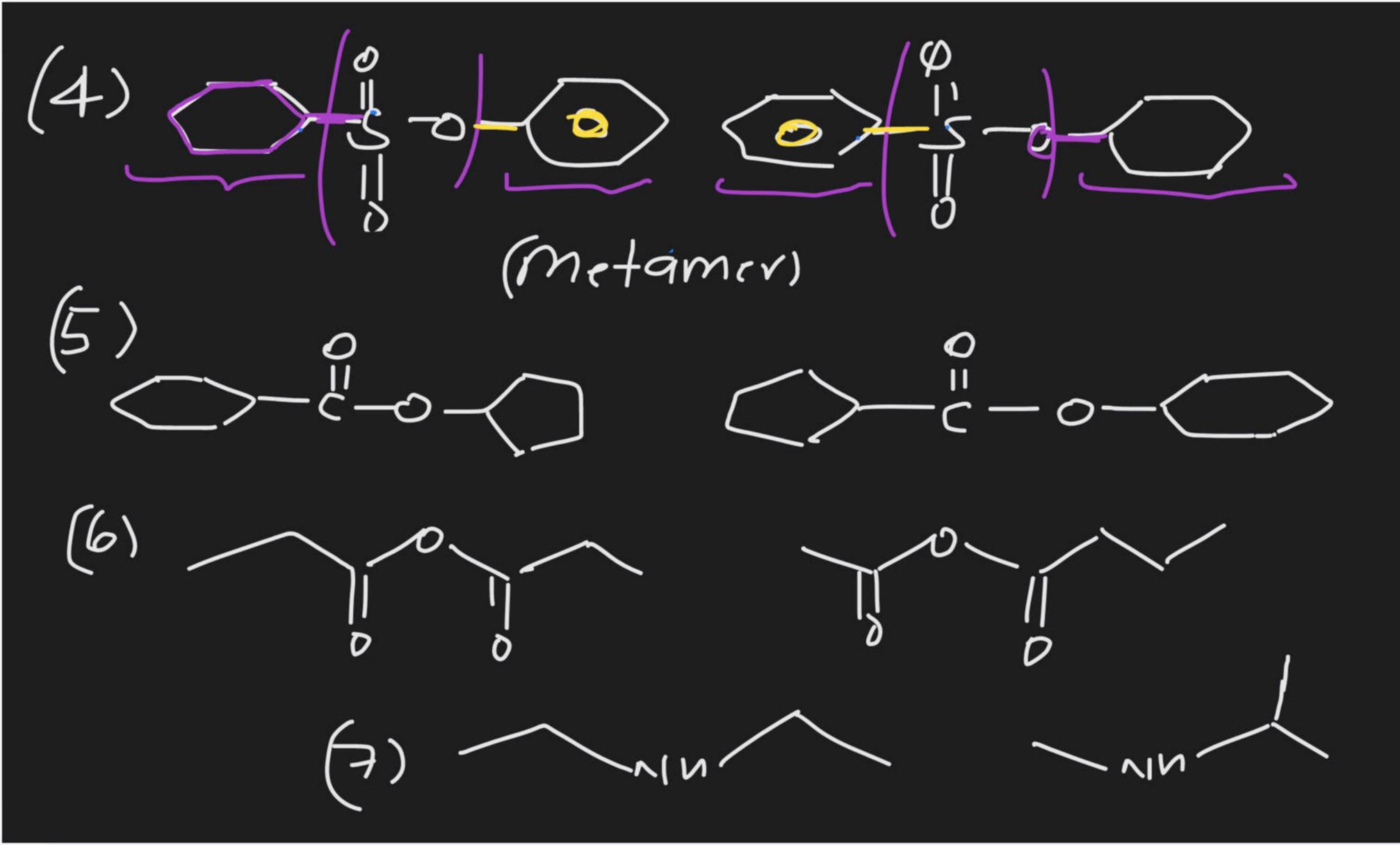
Compounds having same molular fulls
But diff. allest groups w.r.to Bivalat

functions groups.

mono valent - 01 -SH TON -NIZ - 51-NZ

Bivalat 5-0-/- N- 4-N-





Sec. ALid Mile A) Metamar (#) Présence order 04 type 01 isomerign-Ring Chain > Tautomer > functional isomer > metamer > chain > position.

Tautomir

Ex: A Compound having (i) mf C6 1/1003 Ester. (-5-0-)
Comment on Str-of Compond













