

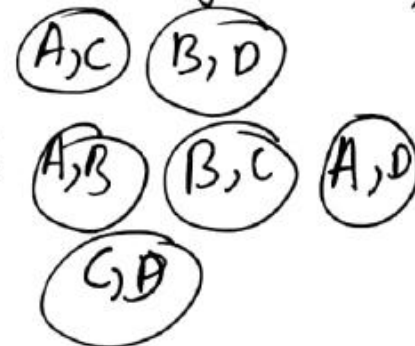
* A, B, C, D are stereoisomers with 2 chiral centres (Compound is unsymmetrical)

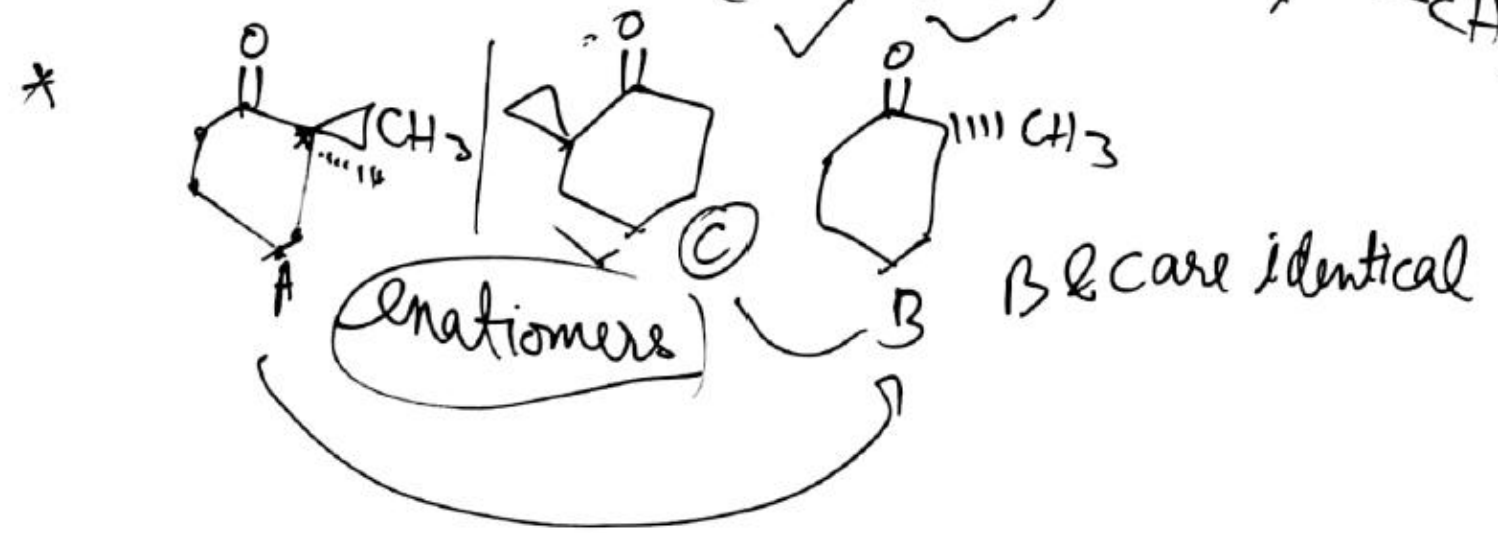
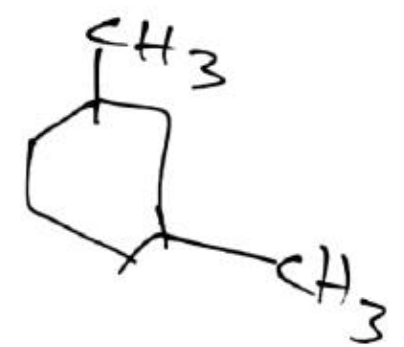
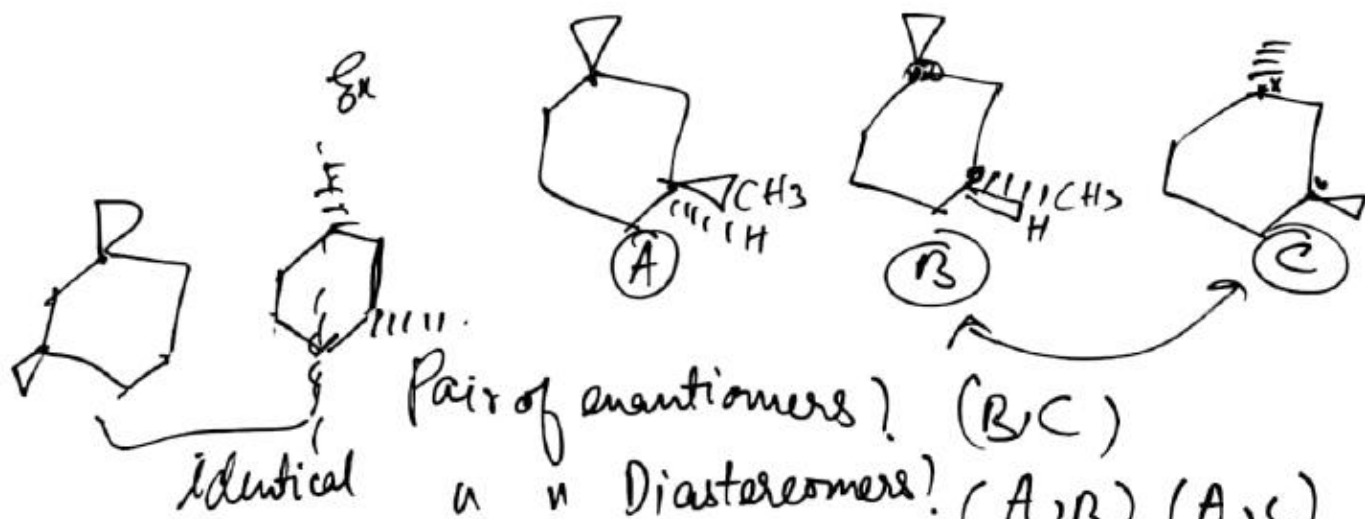


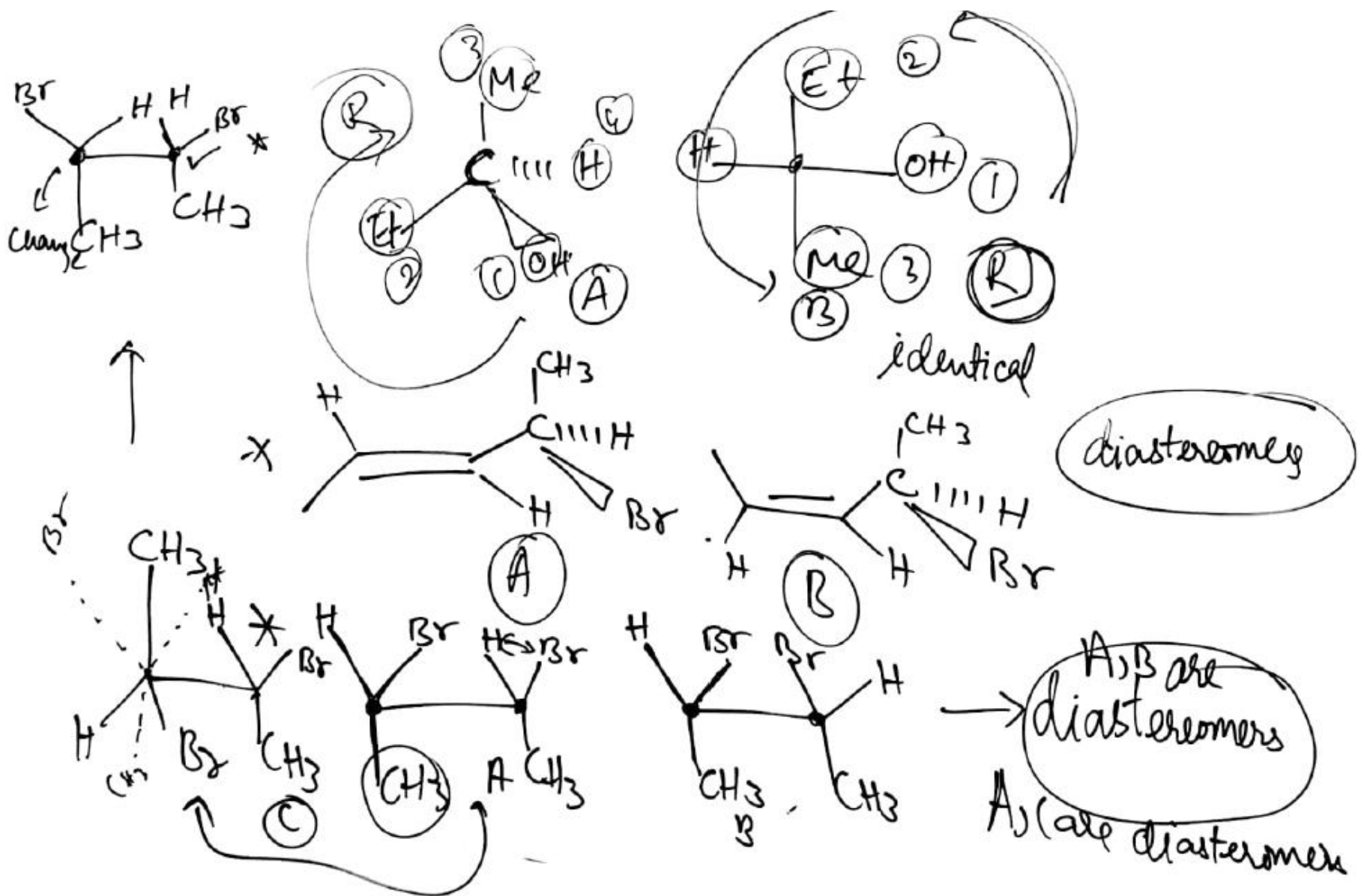
	A	B	C	D
C: C ₁	R	R	S	S
C: C ₂	R	S	S	R

Pair of Enantiomers?

|| n Diastereomers?



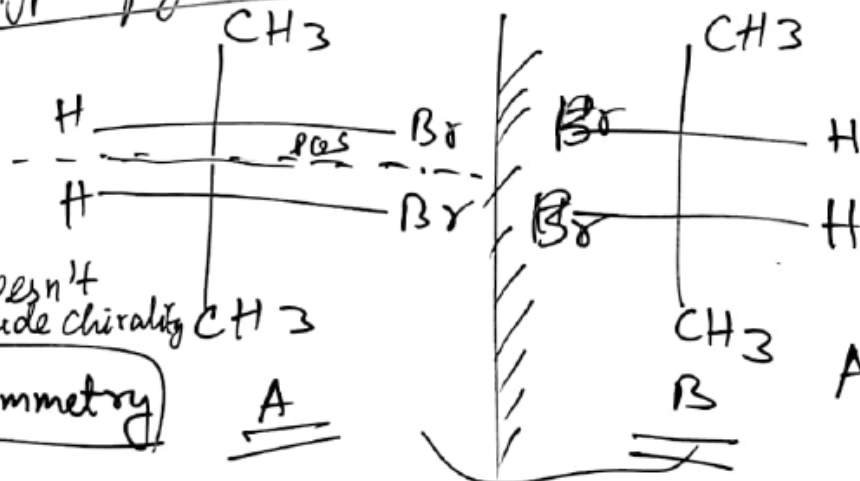




Elements/Types of Symmetry

- 1) POS
- 2) COS
- 3) AAOS
- 4) AOS

→ It doesn't decide chirality



Plane of Symmetry

POS

→ It is a plane which divides molecule into 2 equal halves in which one half is mirror image of other half.



Elements/Types of Symmetry

