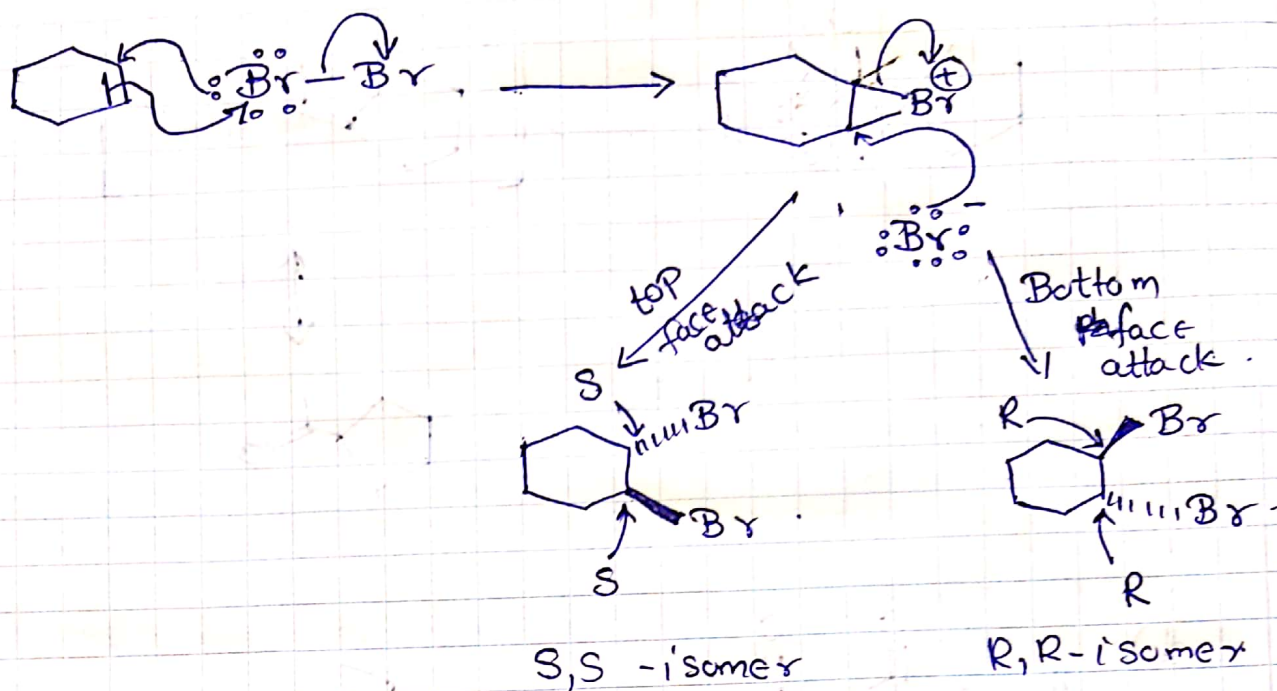


①

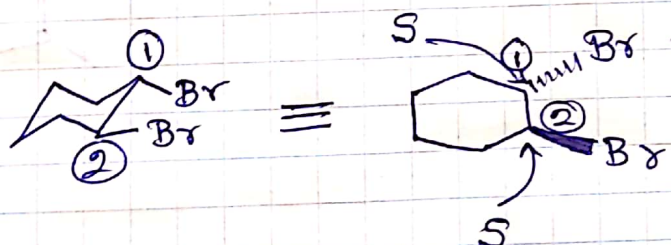


Therefore product is racemic mixture.

Answer.

anti, racemic

②



Answer 1S, 2S

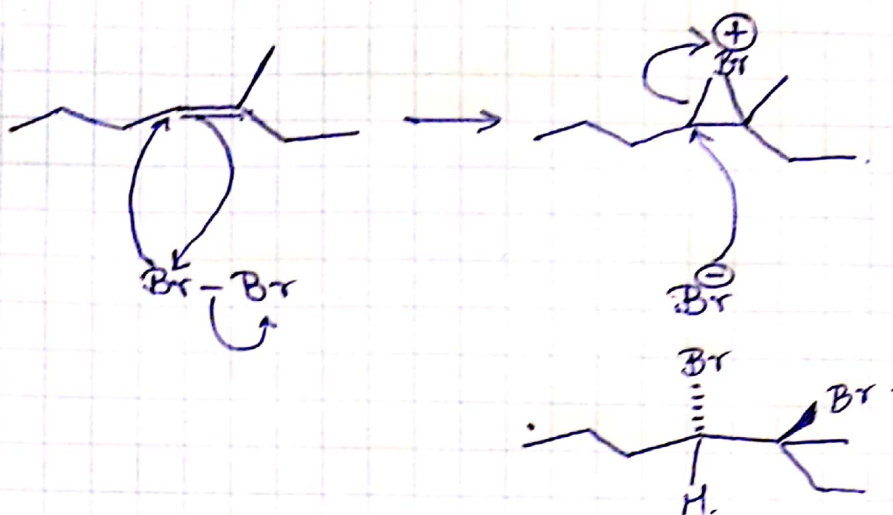
③ *give me the quantities used.

④

Answer

A, B

8



Anti addition product.

I cannot see all answers properly, therefore please select anti-addition products from answer list. However from ~~not~~ visible answers A and B are correct.

Answers:

~~A and B~~ from visible in the screenshot.

Answer C and D.

9 to remove Bromine (excess) there should be unsaturated compound, hence answer is .

Cyclohexene, remove