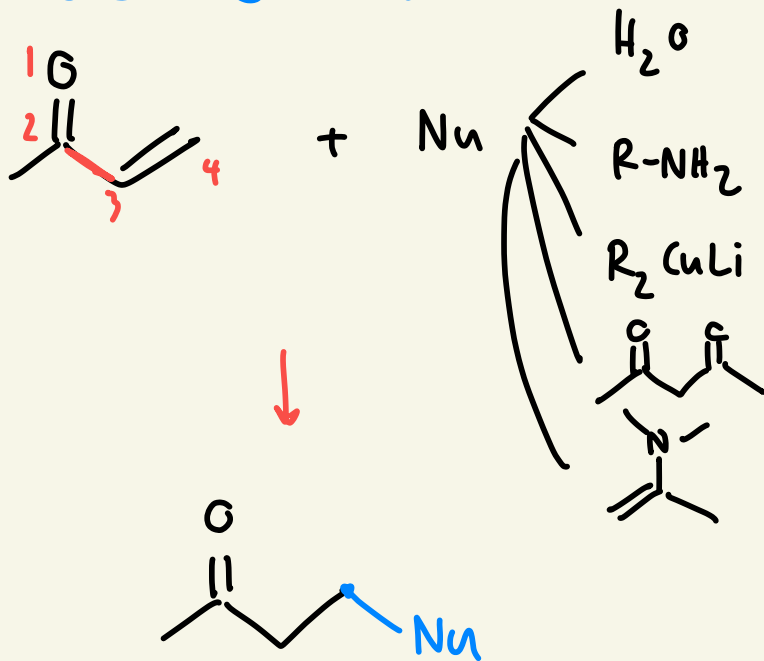


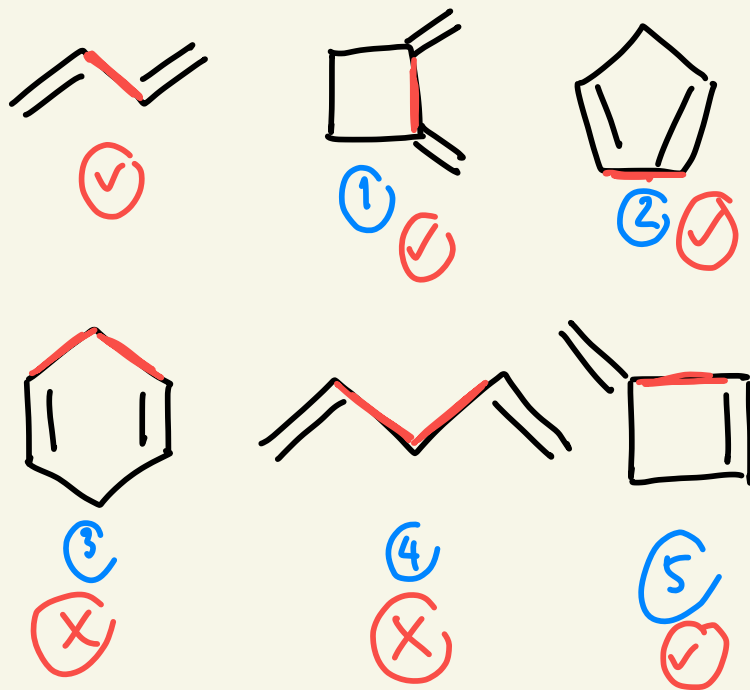
Conjugated compounds

Class 4

① Conjugated carbonyl



② Conjugated ~~alkene~~ - diene



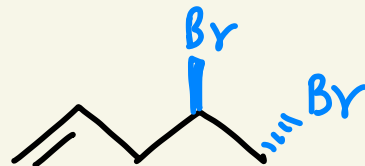
Conjugated diene → Addition reaction

பொது ① X_2 (Br_2, Cl_2, I_2)

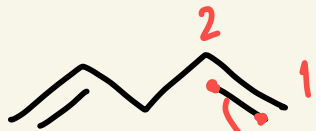
Diene



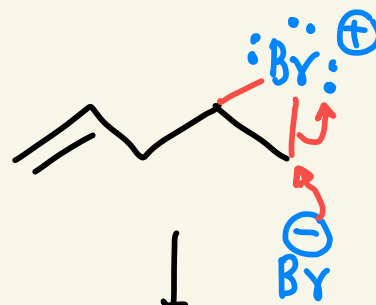
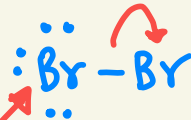
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மேல



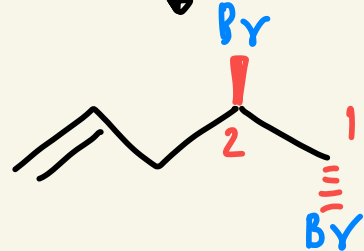
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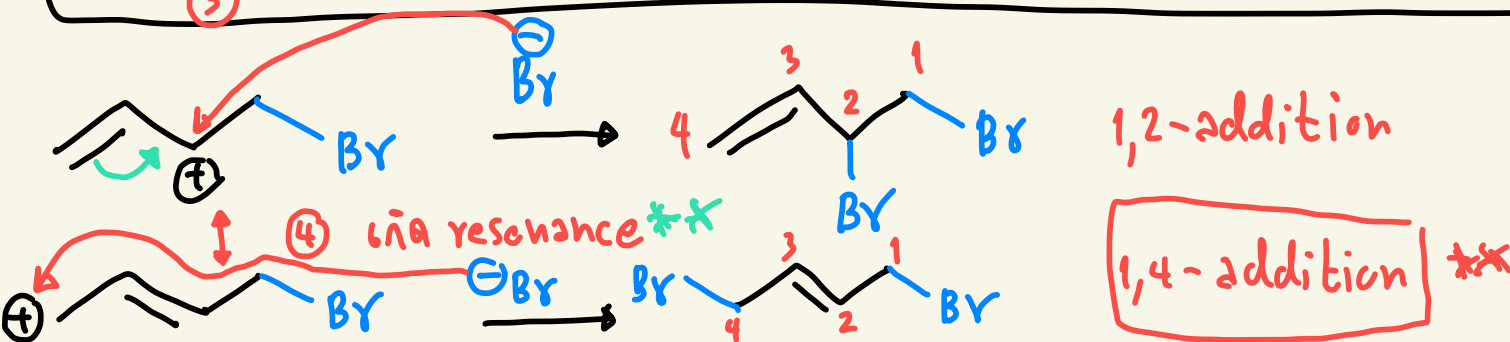
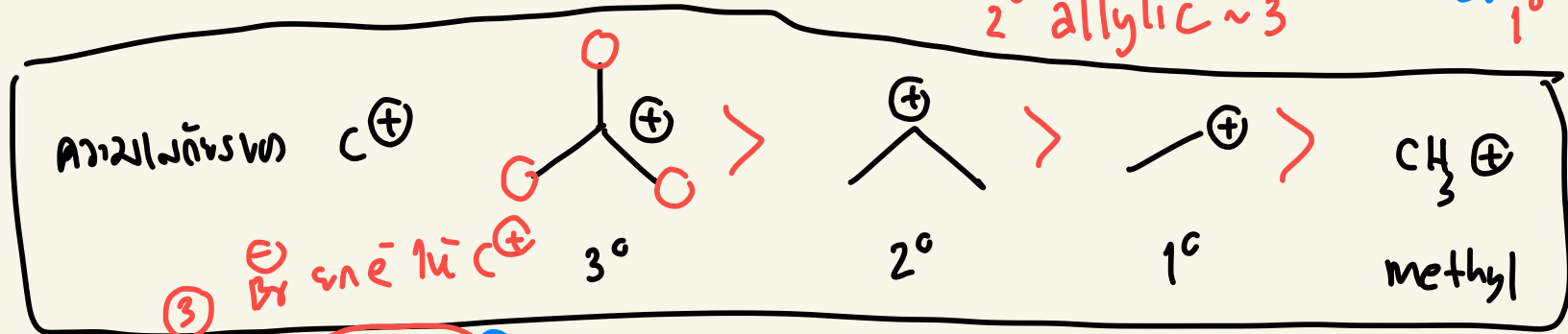
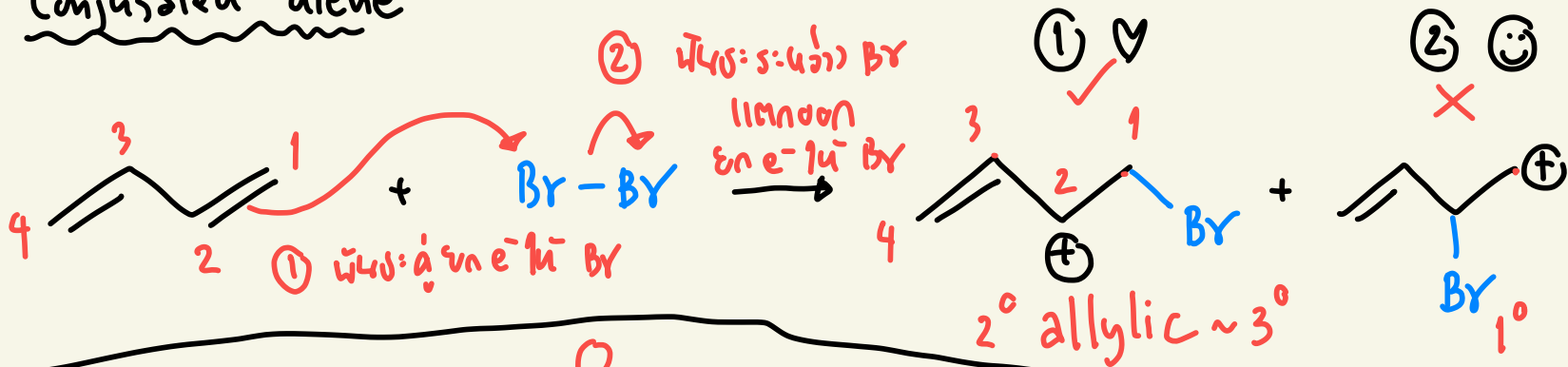
Nu

E

1,2-addition

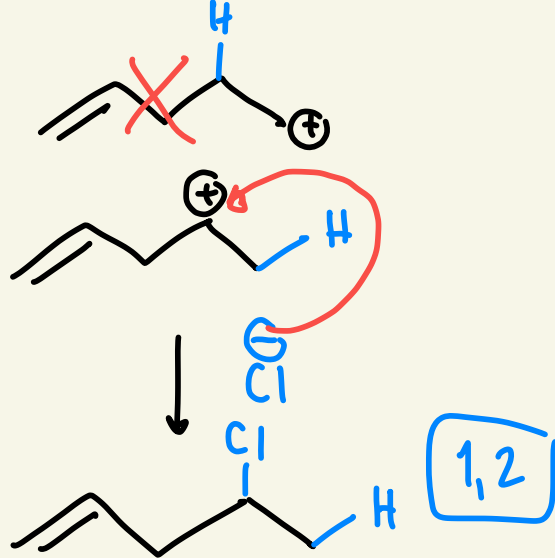
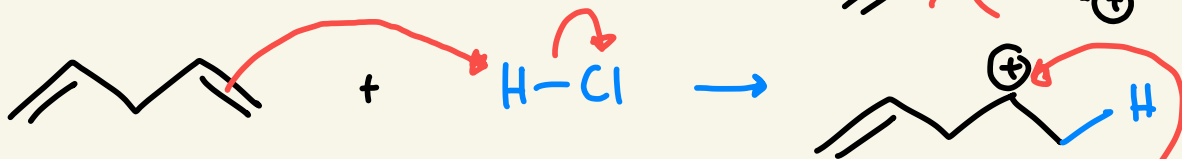


Conjugated diene



② HX (HCl, HBr, HI)

Diene

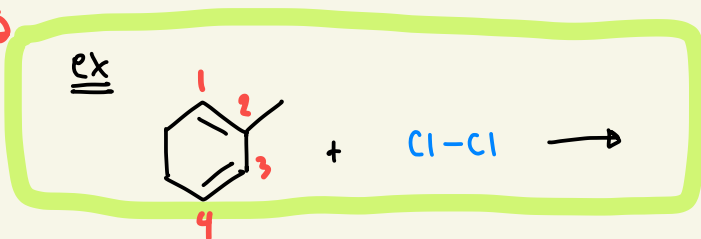


มี Product กี่ตัว

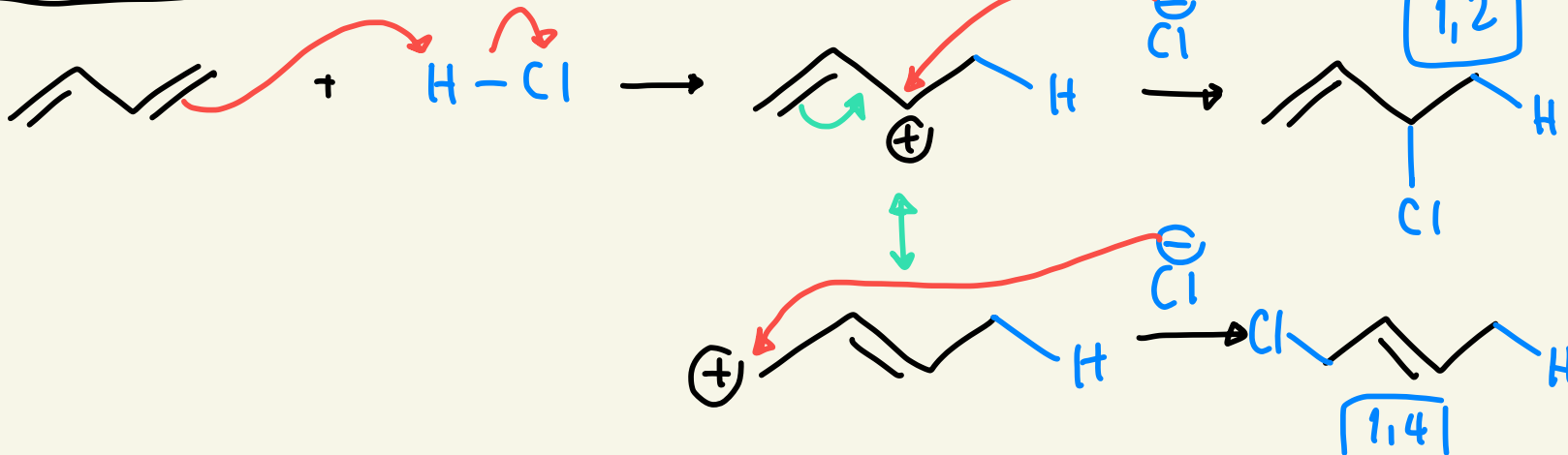
A. 2 ตัว

B. 3 ตัว

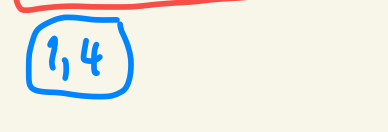
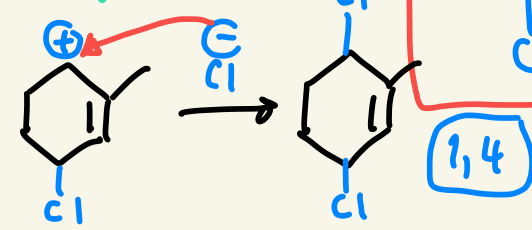
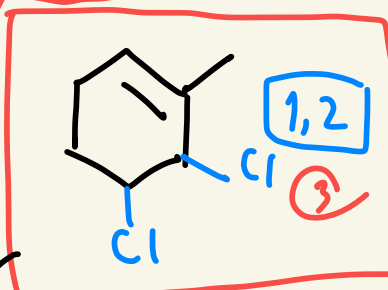
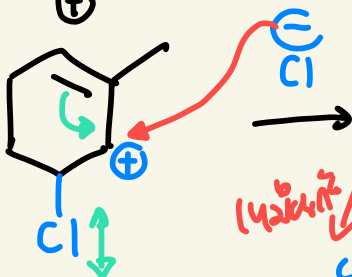
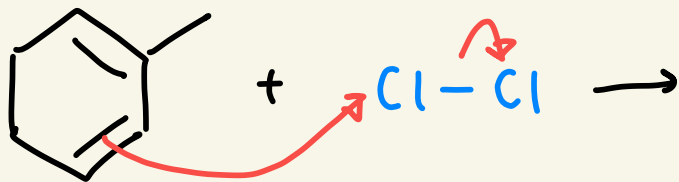
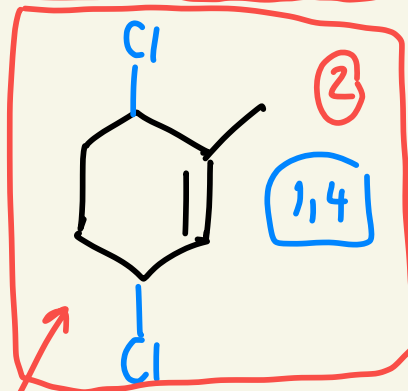
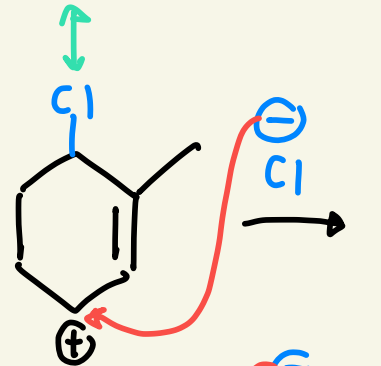
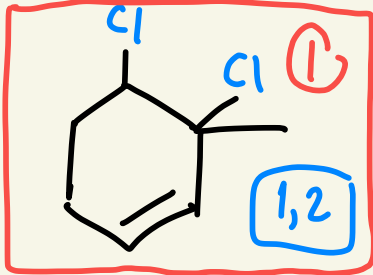
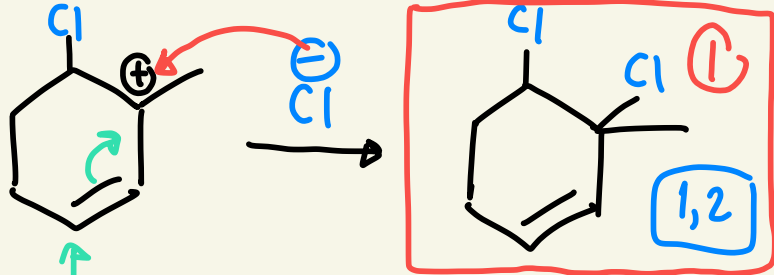
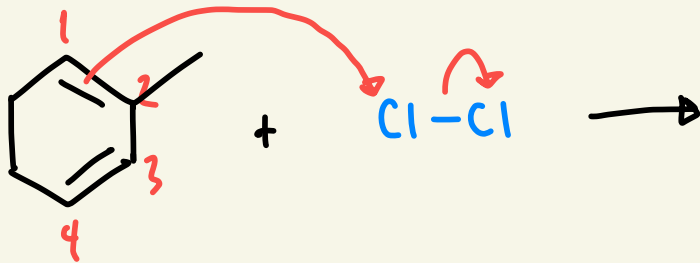
C. 4 ตัว



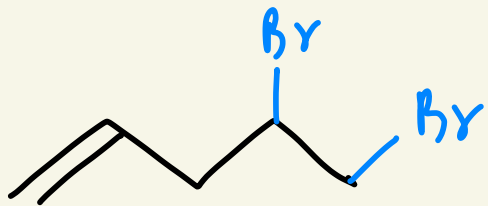
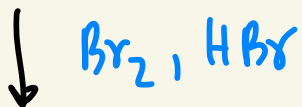
Conjugated diene



ex



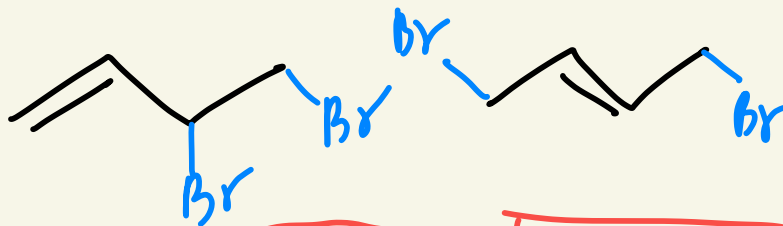
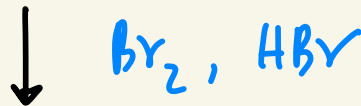
Alkene



1,2-addition

which

Conjugated diene



1,2-addition

1,4-addition