Addition of HX

step 2
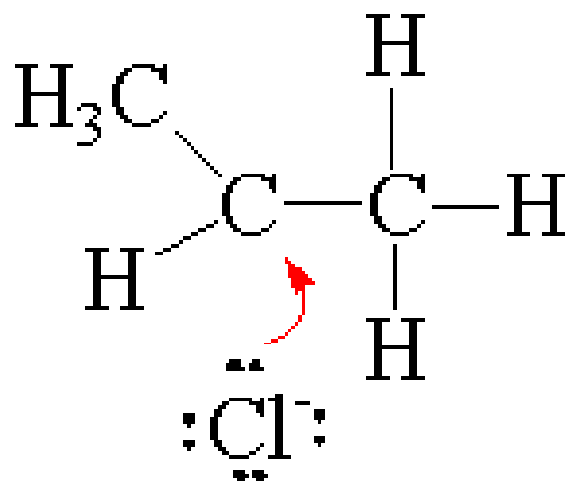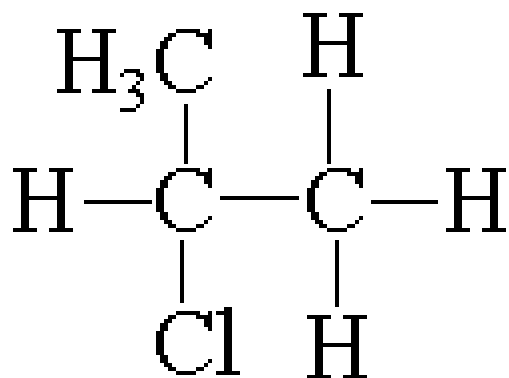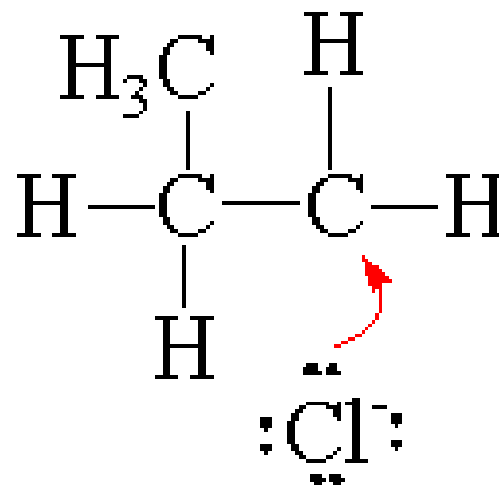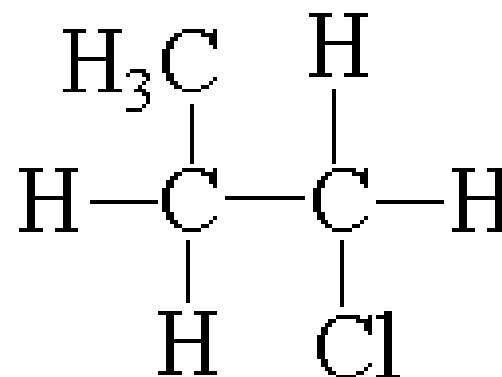
major product

minor product