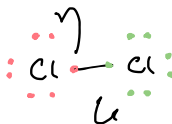
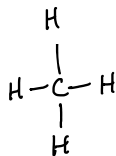
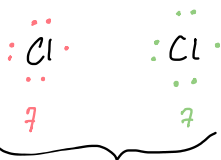
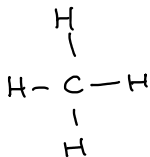


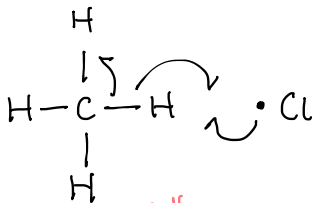
FREE RADICAL REACTIONS,



initiation step



def. free radical. an uncharged molecule having an unpaired valence electron. Typically very reactive & short-lived.



(\downarrow Cl takes H from methane)

Propagation step



Once [free radicals] gets high enough,

free radical + free radical = non-free radical

termination step [exothermic!]