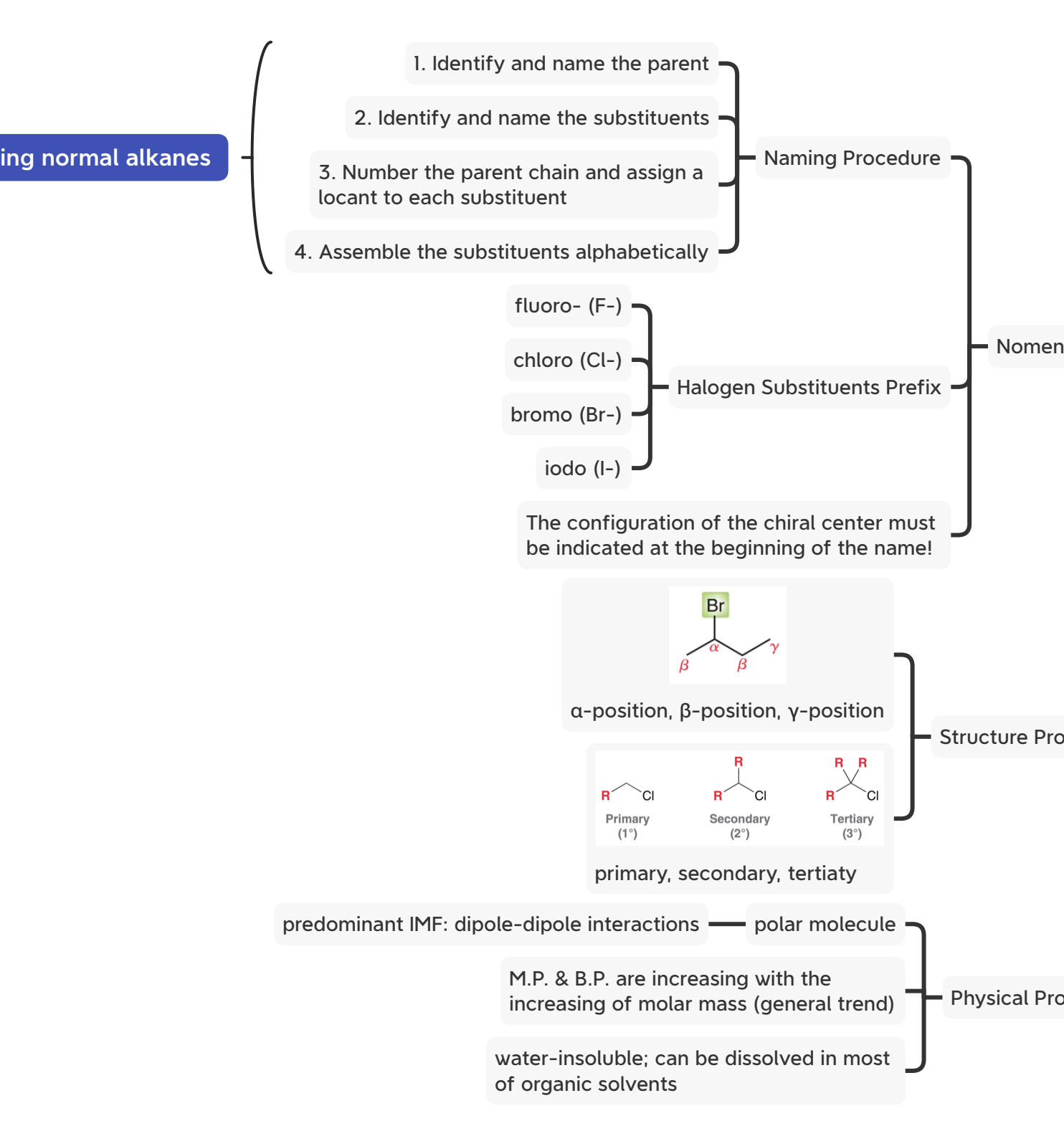
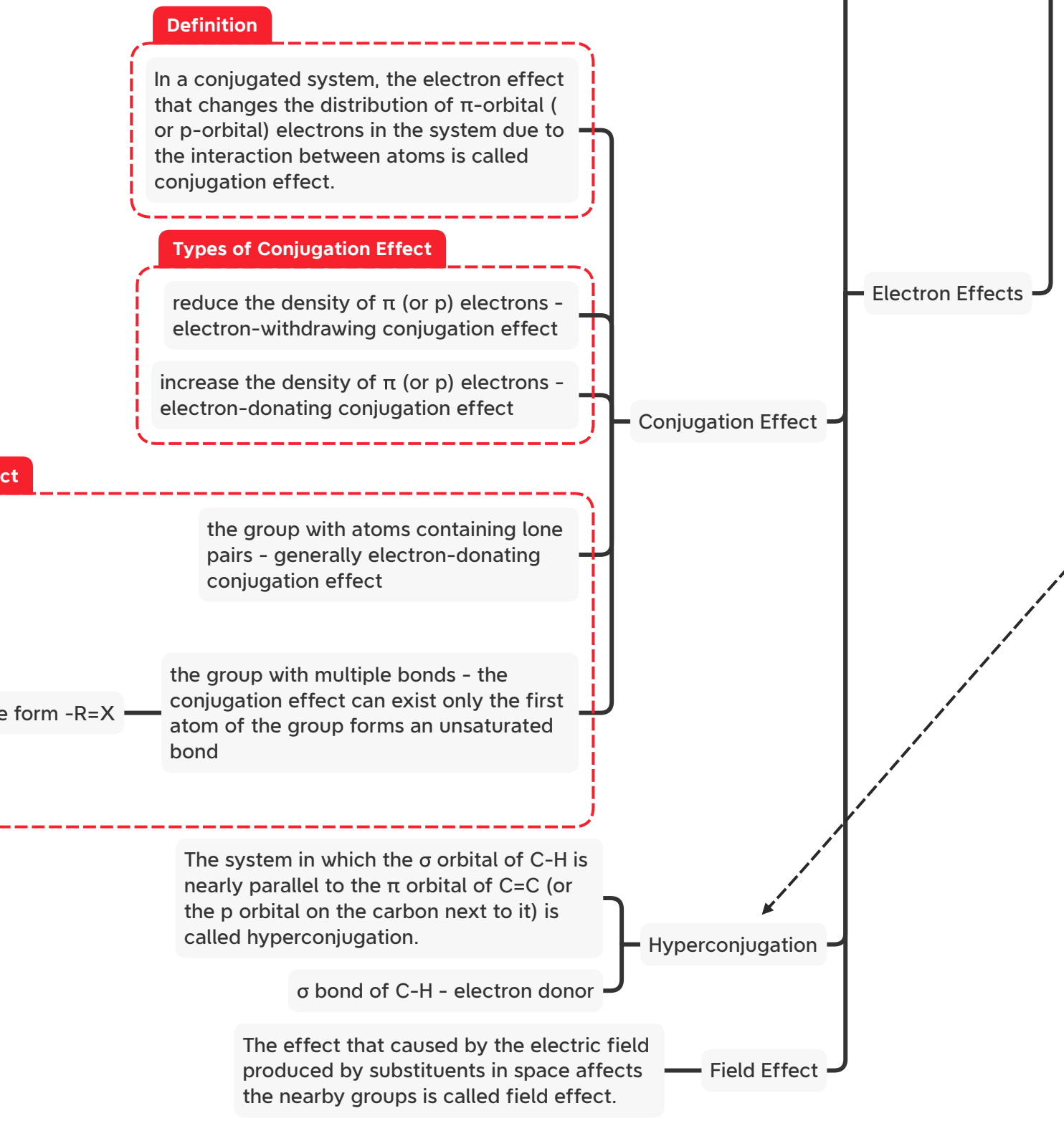
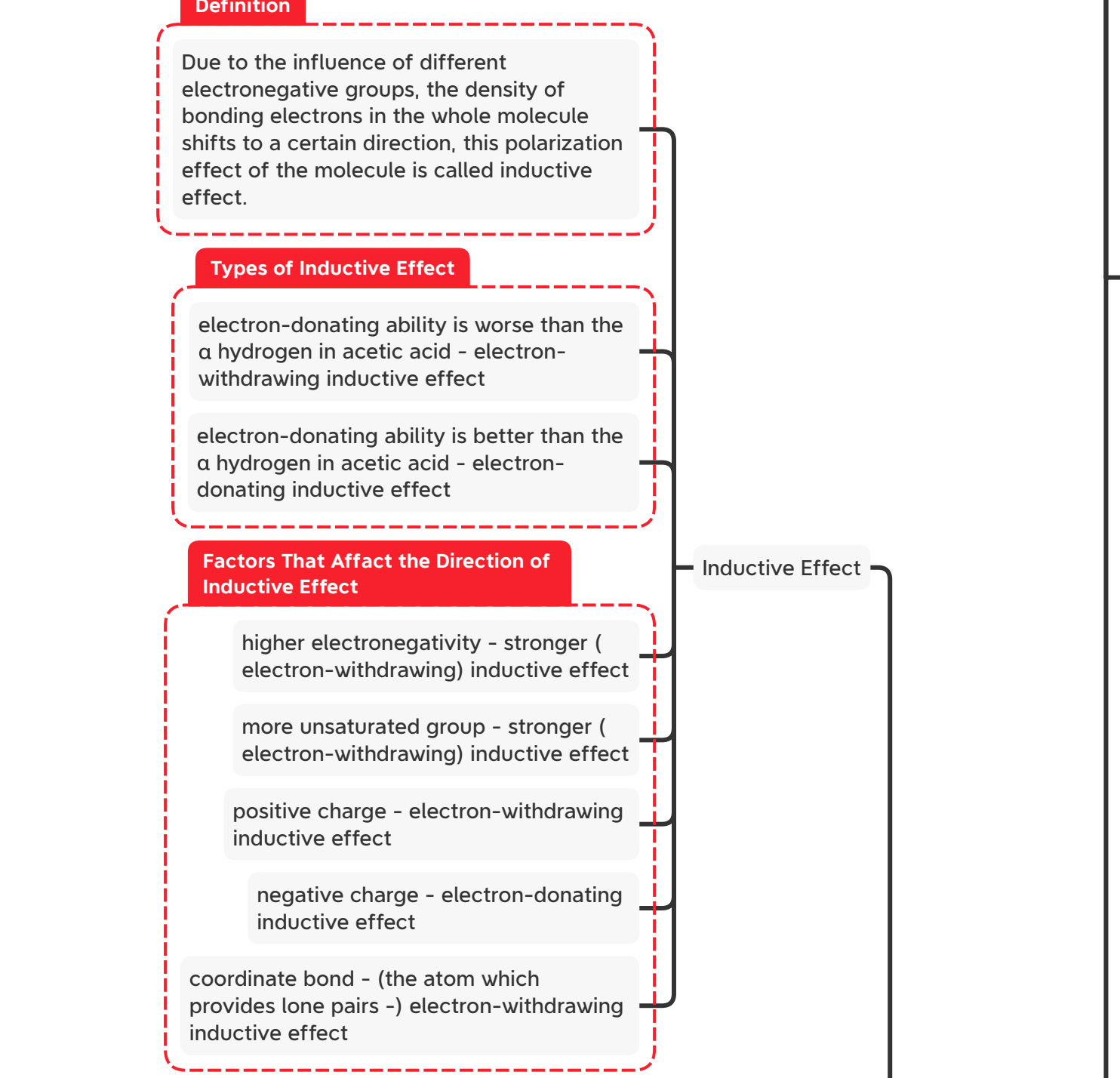
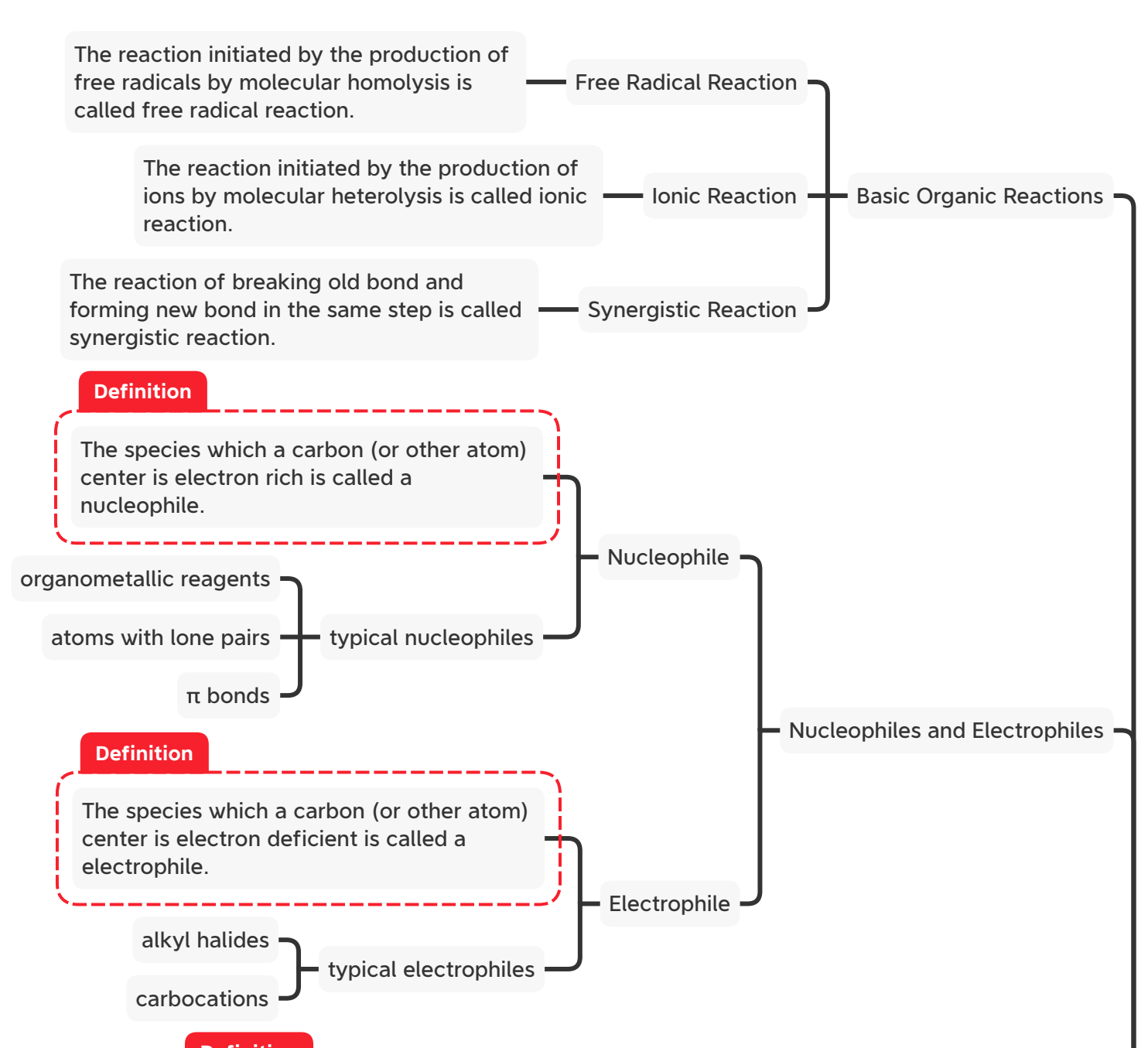


Lec 4: Alkyl Halides, Substitutions on Saturated Carbons



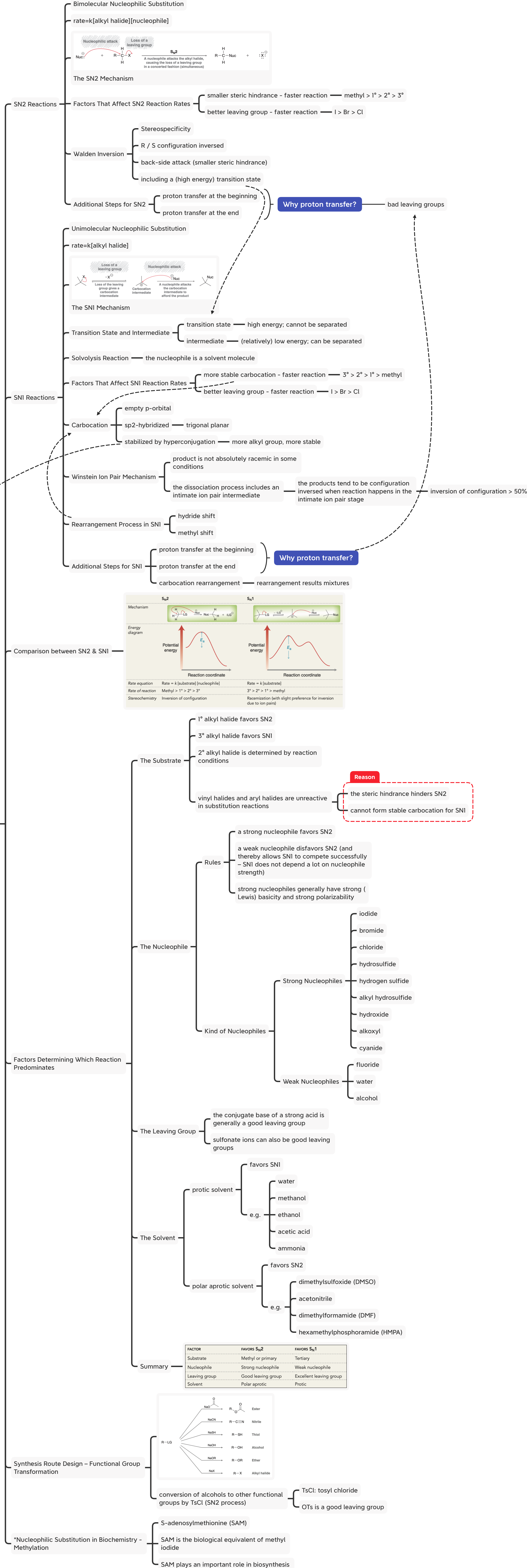
Organic Mechanisms

Electron Effects

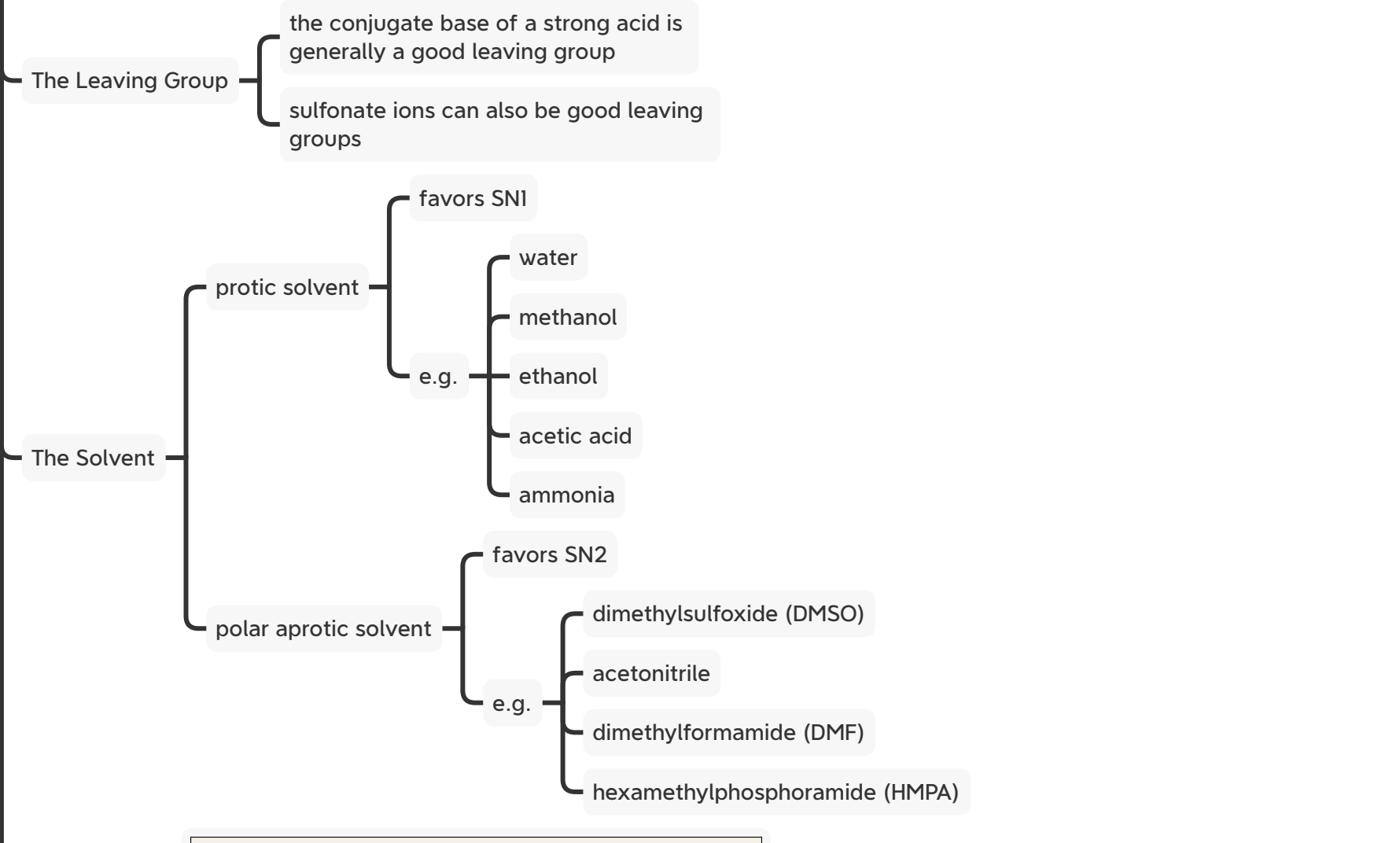
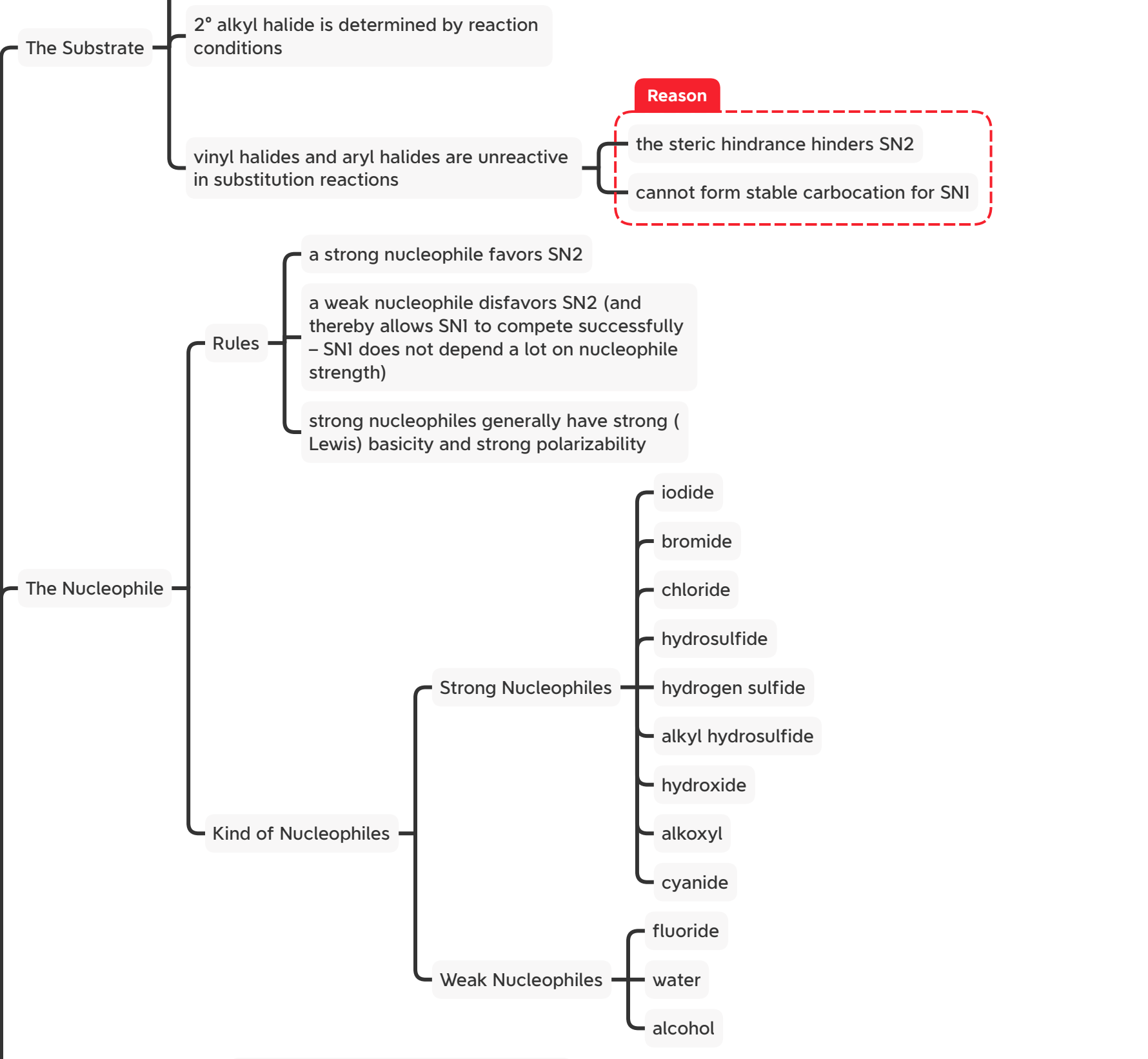
Nomenclature

Alkyl Halides

Substitutions on Saturated Carbons



Factors Determining Which Reaction Predominates



FACTOR	FAVORS S _N 2	FAVORS S _N 1
Substrate	Methyl or primary	Tertiary
Nucleophile	Strong nucleophile	Weak nucleophile
Leaving group	Good leaving group	Excellent leaving group
Solvent	Polar aprotic	Protic

