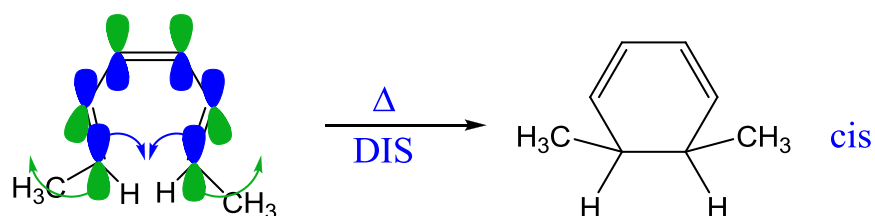
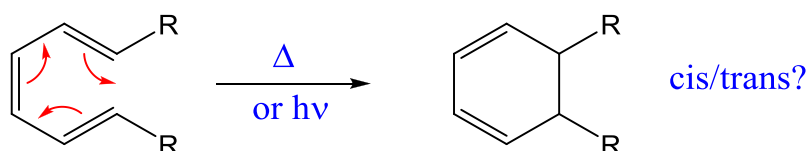
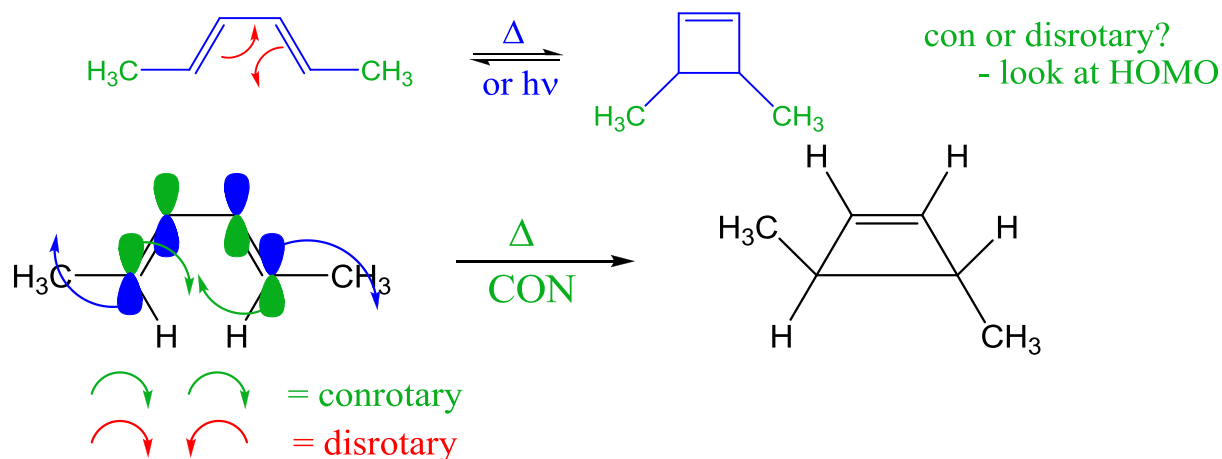


Overheads: - Today's Outline

Recap Tuesday: Electrocyclic Reactions



General Rule: Woodward-Hoffman Rule for electrocyclic reactions

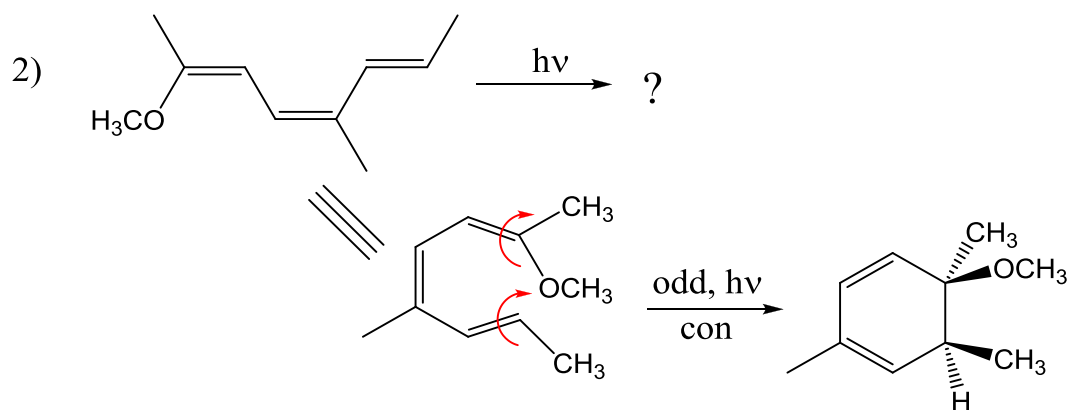
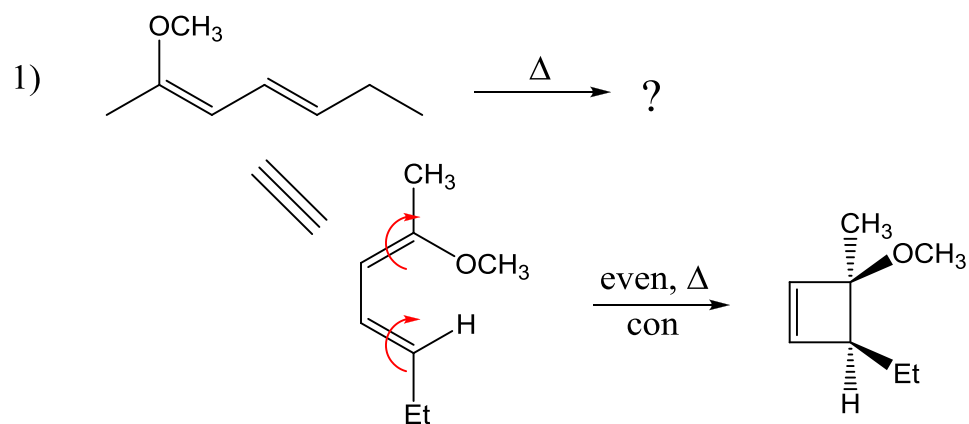
n = integer	# π e	# DB		
	4n	even	Δ	con
			hv	dis
	4n+2	odd	Δ	dis
			hv	con

→ only need to remember one:

eg 4n/even; Δ; con → change any one, get opposite

→ All pericyclic reactions have similar W-H rules based on orbital symmetry

Examples:



Group Problem Session