Name: Key Chem 2310 **Chapter 22 Review** - Concept Map

See how many of the structures on the following page you can link together. Connect the two structures with an arrow, and then indicate how they are connected in the table below.

Starting Material	Reagents	Product
9	1) NaOEt, diethyl carbonate, 2) HCl (aq)	4
1	NaOH (Robinon)	3
1	HLH, NaUHS (Aldol)	14
2.	1) Pbr3, Brz, 2) Hz 0 1/2 (HVZ)	8
ス	1) 50Clz 2) (CH3) z Ch Li	10
314	1) Na OEt, Z) H2OO/a (Michael)	6
3	1) (nPr), CuLi, Z) HC(cag) (Michael)	., 11
4	1) Nal Et, Z) Br NBr, 3) Nal Et, 4) H20% (Males	ter) 13
LJ	1) NaO Et, Z) /I, 3) Hz 09/1 (Malest)	2
5	1) NaUEt z) " , 3) " (Acdo est)	10
7	1) NaO Et, Z) CBZI, 3) NaO Et, 4) NBV, 5) H309/()	12
9	1) Na OEA, Z) HCI (ag) (Claisen)	5
9	1) Photel/NaOEt, Z) H((cag) ( 11 )	7
10	1) Iz /NaOH, Z) " (iadoform)	ス

