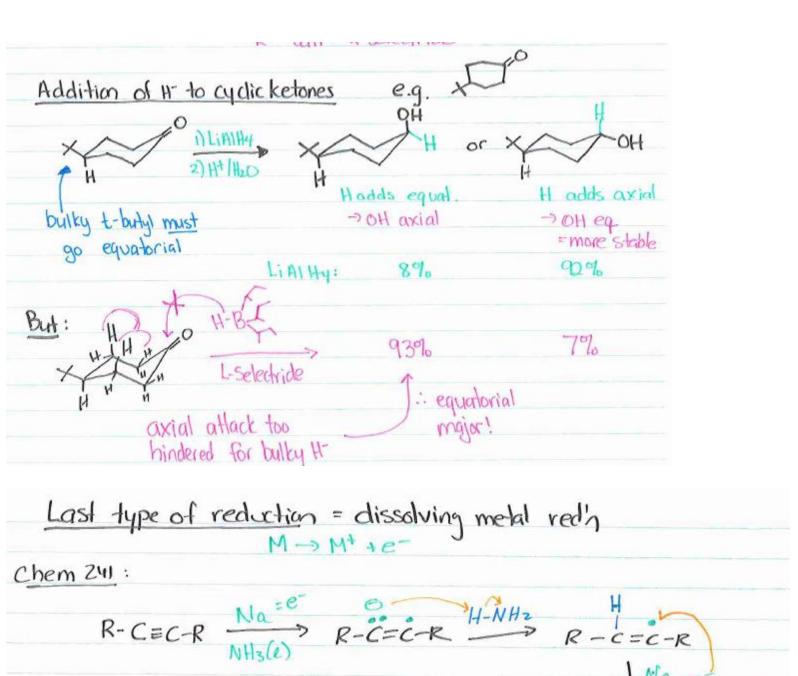


But - if ketone has chiral center	- get 2 possible diaskreamer
CH3CH2 CH3CH2 CH3CH2 CH3 H+/HLO CH3 H	
~ 119	
Si add to S.R	Si add to Re 5,5
Front + back different -> car	n get more of one
To determine which is major:	
>consider steric effect of gro	oups on chiral center
Cram's rule: CHCH2 CO CH3	
CH3 HO CH3	Looded as smalles)
O Label 3 groups on ∞-C (the chiral medium (m) + large (L) → according	to physical size (stores)
1 Line up 1 in plane with other o	x-c (other side of
ketone) so c=0 is between \$\infty\$ + (M)	H CH3 OH H
(M) CH3 = CH3 CH3 (H) CH3	to top (Si) CH3CH2 CH3
3) Add H from side of smallest group	major product.
* Works best for bulky H donors (r	more steric hinderance)
eg Li® H-B- = Lithium tris (so aka L-select	ec-butyl) bosohydride
K® saH = K-selection	



get trans

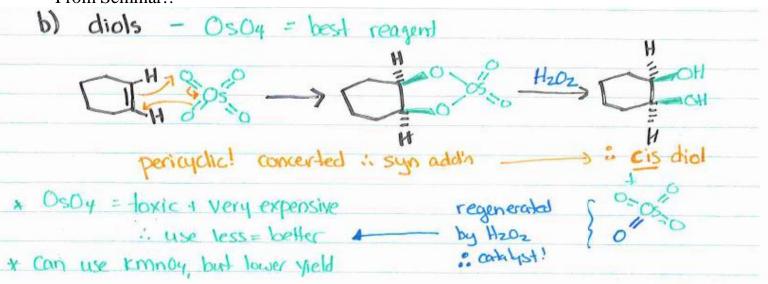
(Lindler= cis)

more stable

Birch reduction - for benzene mo	gs!	
General:  Na or Li  NH3(1)	H-NHz Cor add	
more stable	O HOR)	HH
et · apart		[ Natr ]
get unconjugated => diene!	HzN-H	O. H
	<b>Н</b> М	Н
Oxidation		
Alcohols - Chem 242! - H Gib	_11_	
PYridine R-C-H		
Cro3 > R-C-OH		
Kelones - Baeyer- Villiger (seen!)		
3 Alkenes - 3 possible products	(depending on	reagunts)

a) epoxides - Seen (MCPBA or Sharpless)

From Seminar:!



c) Cleavage of double bond: Ozonolysis

