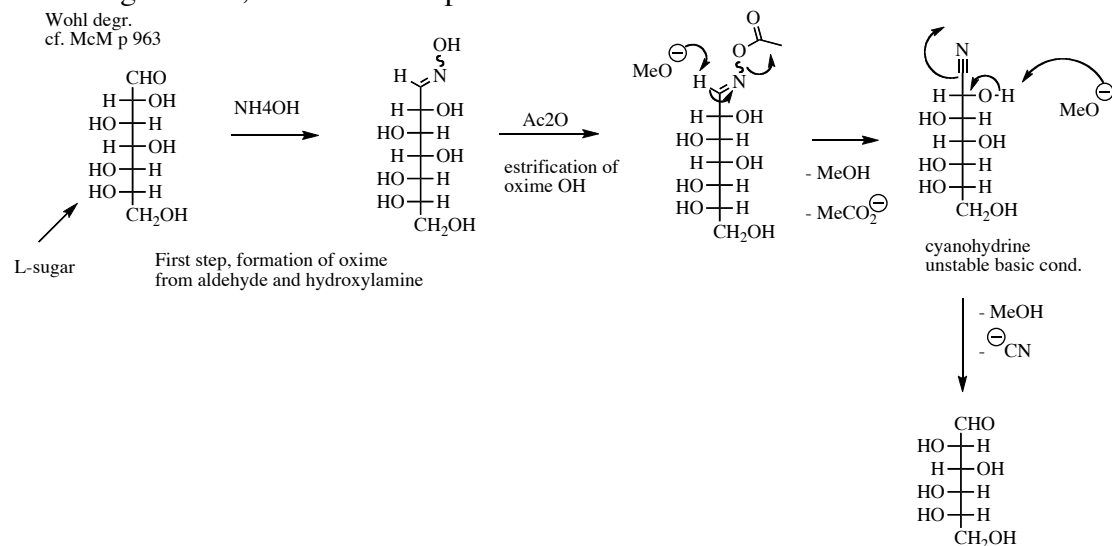


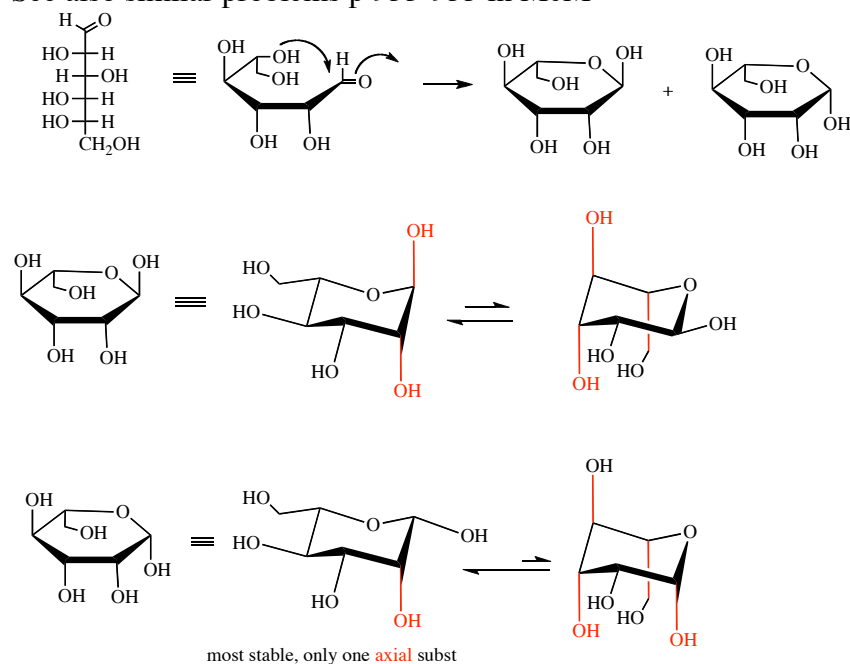
Solution to ex. 2 and 4, problem set 4

Exercise 2

Wohl degradation, see also McM p 963



See also similar problems p 953-955 in McM



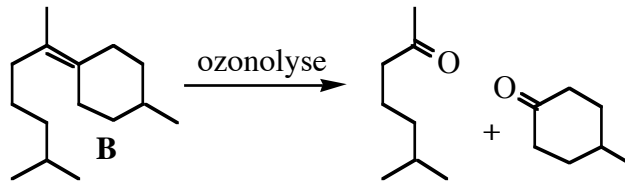
All OH groups may be protected as esters by estrific with Ac₂O and base (ex pyridine). The prot. groups may be removed by alkaline hydrol. of the esters, see McM p 956-958

Exercise 4

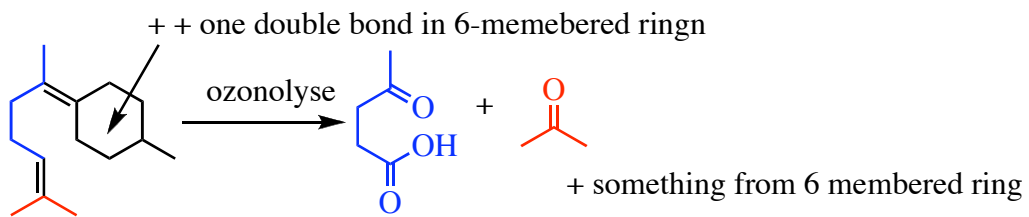
a)

4 unsaturations all together calcd from molecular formula; 1 unsat. after H₂; comp contains 1 ring

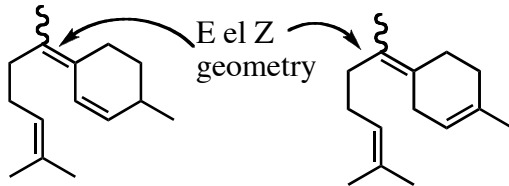
b)



c)



Possible struct.:



d)

