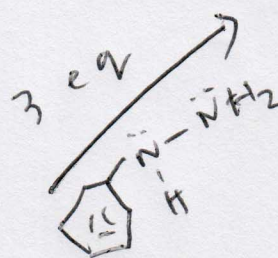
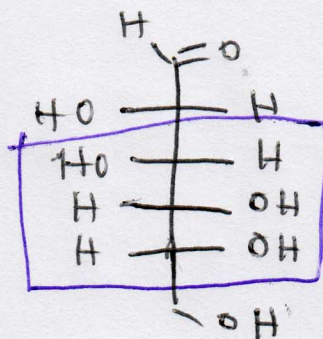
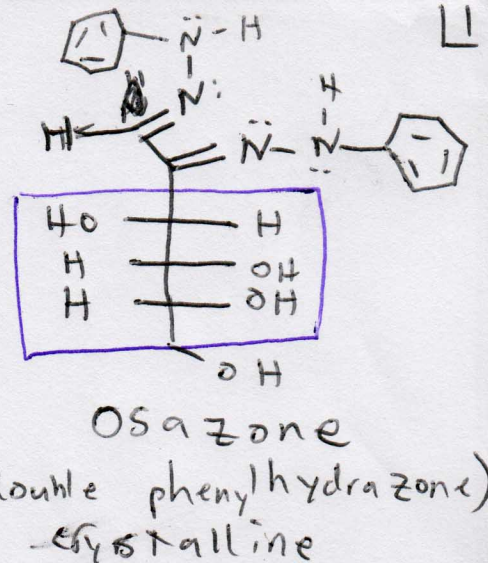
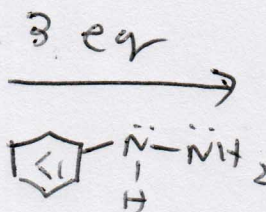
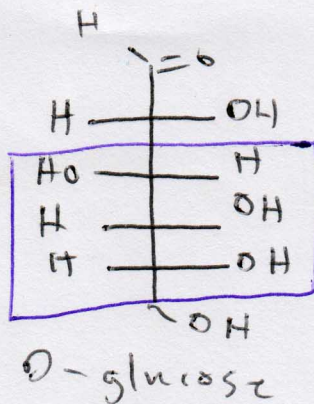
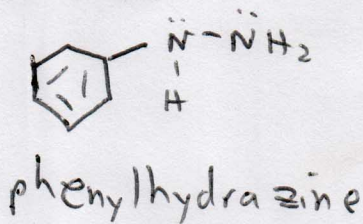


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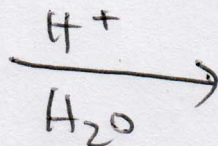
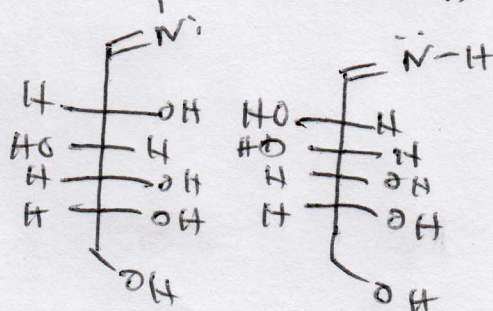
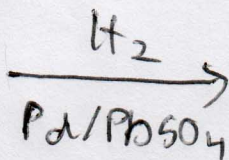
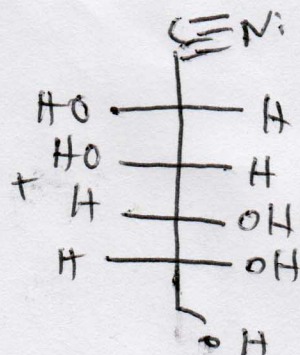
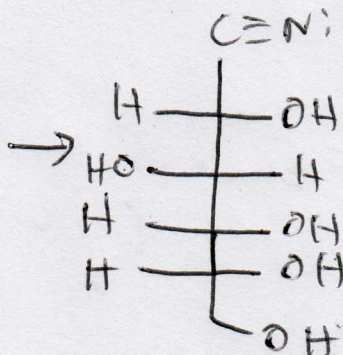
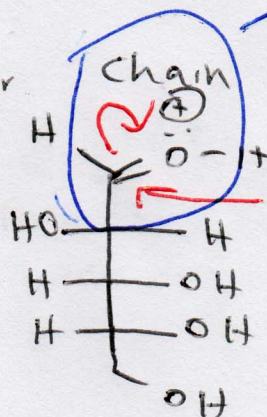
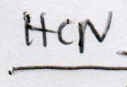
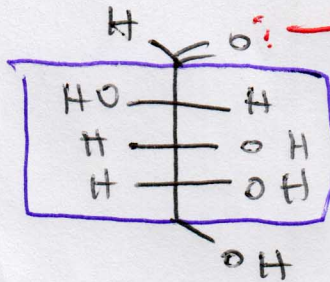
New stereocenter created!.

D-mannose

Kiliani-Fischer

Chain extension

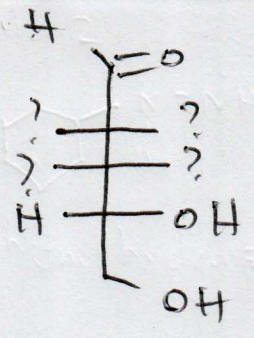
extension



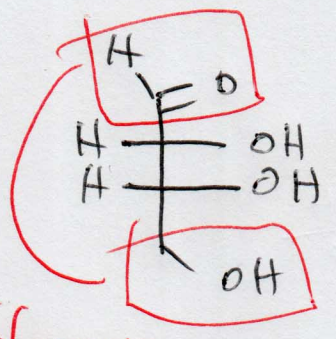
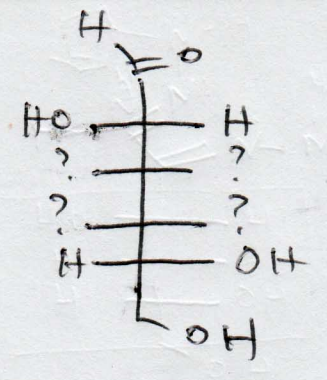
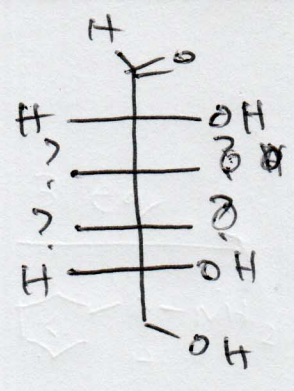
D-glucose + D-mannose

- The Kiliani-Fischer chain extension of arabinose demonstrates that glucose + mannose are epimers, formed by adding one stereocenter to arabinose.

- The formation of osazones shows that glucose + mannose are epimers, since the stereocenter that differentiates them is lost upon the osazone formation.

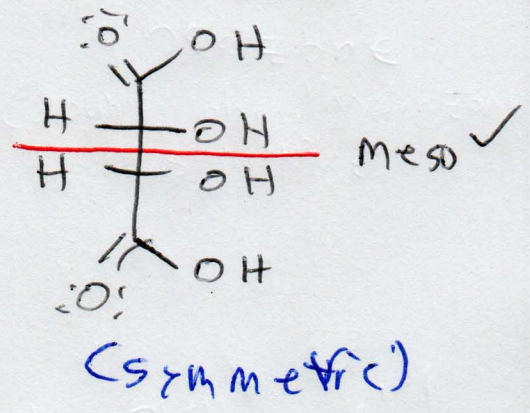


K₂F₂
 Chain extension



meso
 no; not symmetric

[O]



different