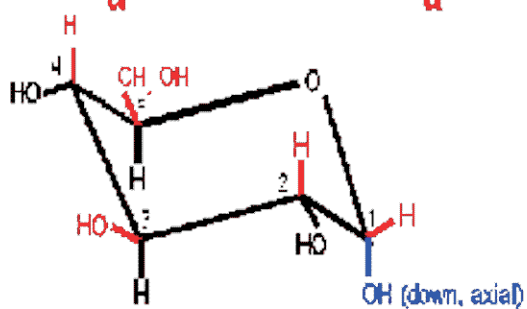
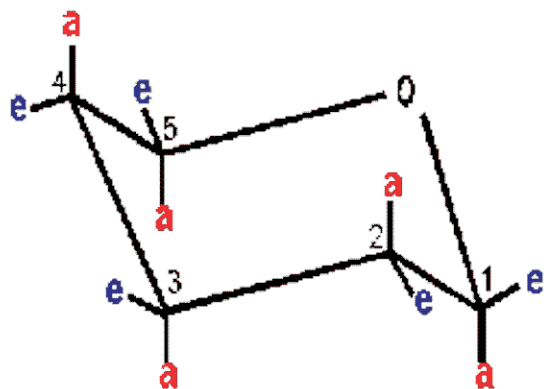
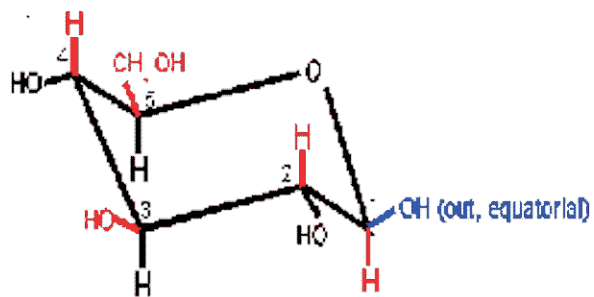


# Glucose

"Chair" structure for glucose  
(closer to reality)  
a= axial (up or down)  
e= equatorial (out)

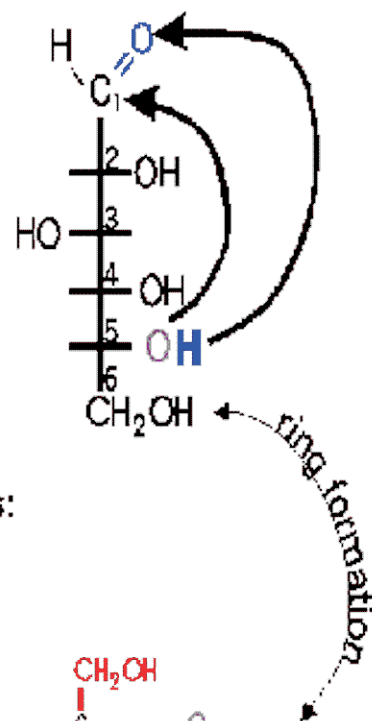
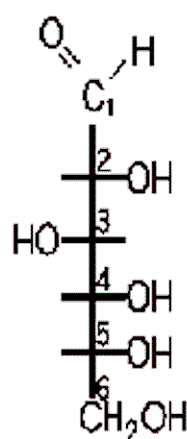


$\alpha$ -Glucopyranose ( $\alpha$ -glucose)



$\beta$ -Glucopyranose ( $\beta$ -glucose)

## GLUCOSE CYCLIZATION



(Drawing assumptions:  
always 4 bonds to C,  
C at line joints,  
H at termini)

