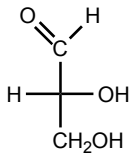
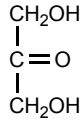


Monosaccharides

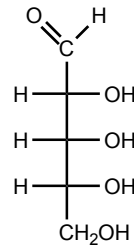
Fisher and Haworth projections



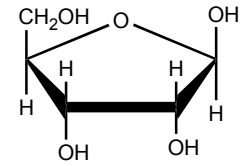
D-Glyceraldehyde



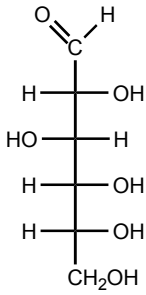
Dihydroxyacetone



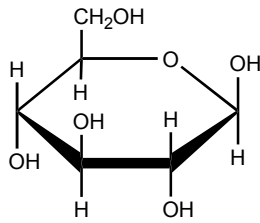
D-Ribose
Rib



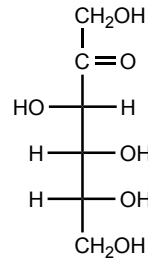
β -D-Ribofuranose



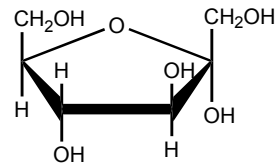
D-Glucose
Glc



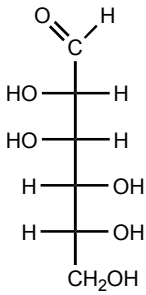
β -D-Glucopyranose



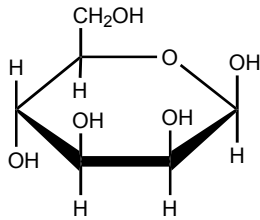
D-Fructose
Fru



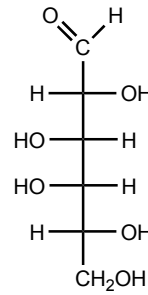
α -D-Fructofuranose



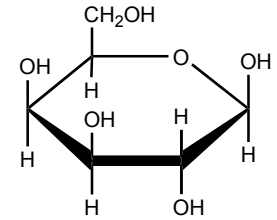
D-Mannose
Man



β -D-Mannopyranose

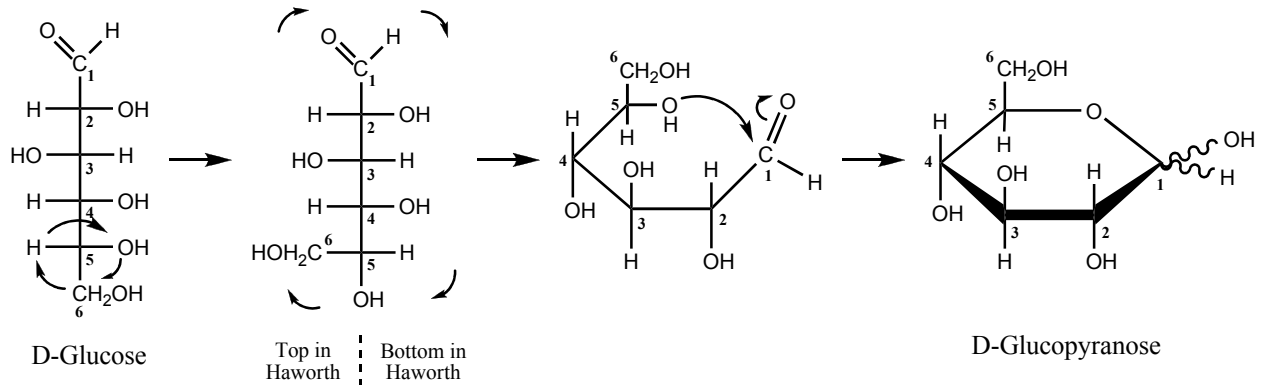


D-Galactose
Gal

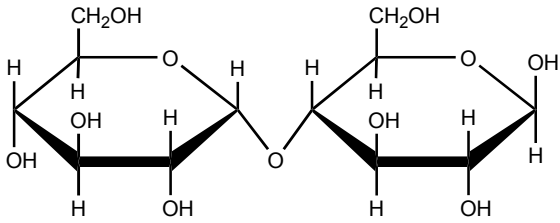


β -D-Galactopyranose

Going from Fisher to Haworth projection:

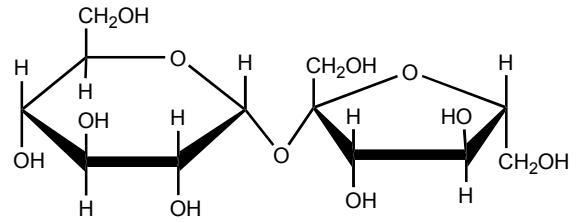


Disaccharides:



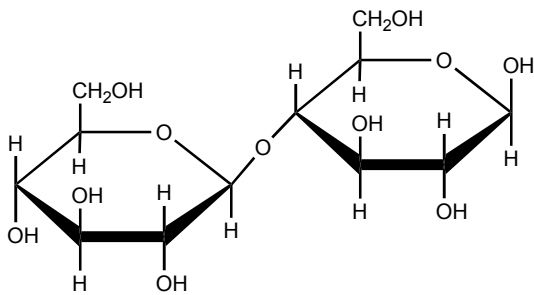
Maltose

α -D-glucopyranosyl-(1 \rightarrow 4)-D-glucopyranose
Glc(α 1 \rightarrow 4)Glc
(β anomer shown)



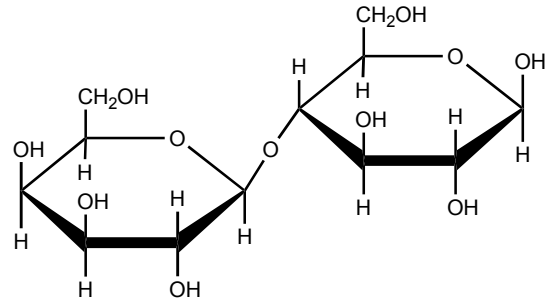
Sucrose

β -D-fructofuranosyl- α -D-glucopyranoside
(OR α -D-glucopyranosyl- β -D-fructofuranoside)
Glc(α 1 \leftrightarrow 2 β)Fru OR Fru(β 2 \leftrightarrow 1 α)Glc



Cellobiose

β -D-glucopyranosyl-(1 \rightarrow 4)-D-glucopyranose
Glc(β 1 \rightarrow 4)Glc
(β anomer shown)



Lactose

β -D-galactopyranosyl-(1 \rightarrow 4)-D-glucopyranose
Gal(β 1 \rightarrow 4)Glc
(β anomer shown)