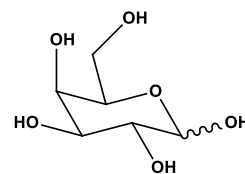
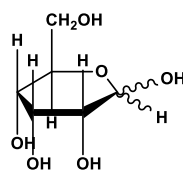
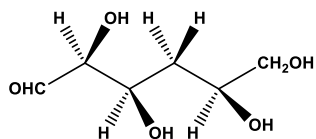


1. Review: Draw a perfect chair of cyclohexane and show all the axial and equatorial bonds. Then flip the chair and draw the other conformation perfectly, too.

2. Fill in the table please.

Fisher Projection	3-D Representation (Acyclic)	Haworth Projection	3-D Representation (Cyclic, most stable conformations)
$  \begin{array}{c}  \text{CHO} \\    \\  \text{HO} - \text{C} - \text{H} \\    \\  \text{HO} - \text{C} - \text{H} \\    \\  \text{HO} - \text{C} - \text{H} \\    \\  \text{H} - \text{C} - \text{OH} \\    \\  \text{CH}_2\text{OH}  \end{array}  $			



3. Provide structures for the major organic products of the following reactions.

