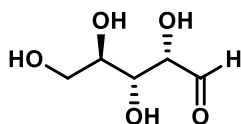
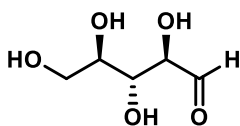
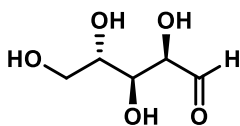


Quiz 8

1. In each box, circle **ALL** characteristics that apply to Compounds A and B based off of D-Arabinose, given below. (4 pts)

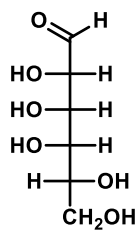
**D-Arabinose****Compound A****Compound A is:**

- an epimer of D-Arabinose*
- an anomer of D-Arabinose*
- an L sugar other than L-Arabinose*
- the enantiomer of D-Arabinose*
- a diastereomer of D-Arabinose*
- L-Arabinose*

**Compound B****Compound B is:**

- an epimer of D-Arabinose*
- an anomer of D-Arabinose*
- an L sugar other than L-Arabinose*
- the enantiomer of D-Arabinose*
- a diastereomer of D-Arabinose*
- L-Arabinose*

2. D-Talose is drawn below. Given that Galactose is a C-2 epimer of Talose, draw L-Galactose in the first box. Then, draw a Haworth projection and a chair structure of β -L-Galactopyranose in the boxes indicated. (6 pts)



D-Talose

L-Galactose

*β - L - Galactopyranose
Haworth Projection*

*β - L - Galactopyranose
Chair Structure*