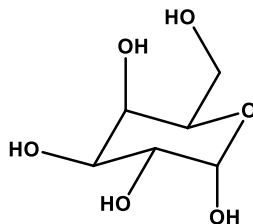
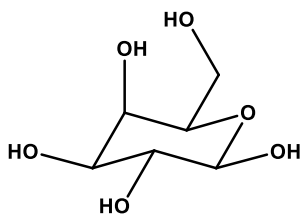
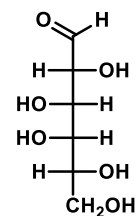
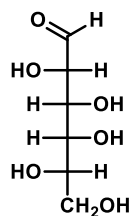
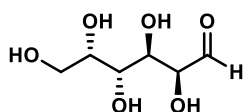
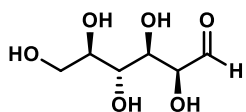
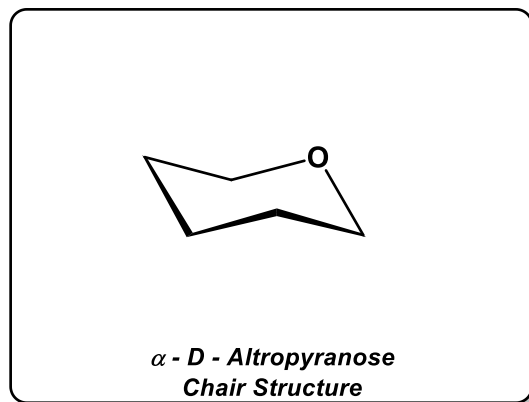
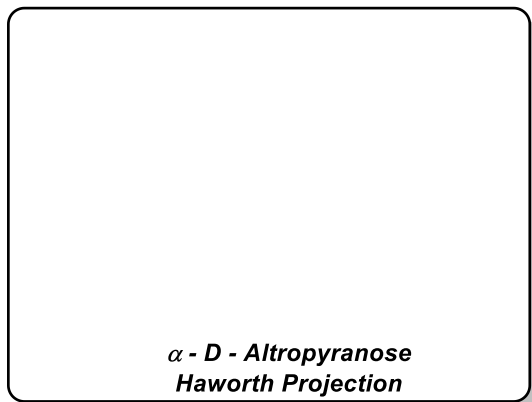
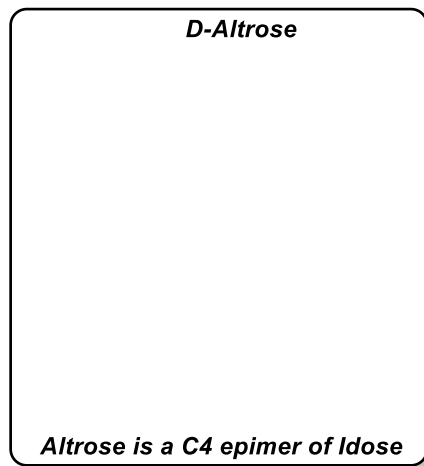
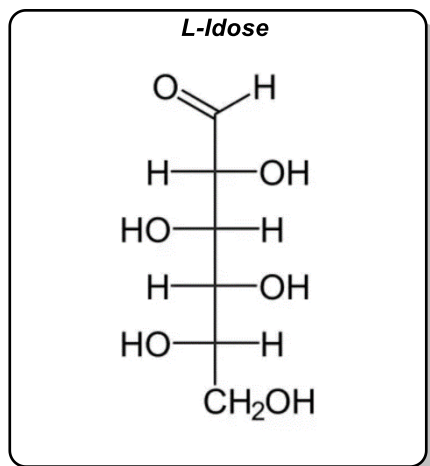


1. For each of the pairs below, define how they are related to each other. Be as specific as possible. (4 pt)



2. Given the structure of L-Idose, provide the Fischer projection of D-Altrose, followed by a Haworth projection and chair structure for α -D-altropyranose. (4 pt)



3. Fill in the missing product below.

