

## Chair Conformers Practice

For each molecule listed:

- Draw **both** chair conformers.
- Calculate the relative energy and decide which chair conformer is favored if any.

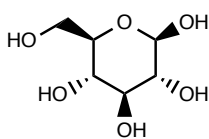
a) *cis*-1,3-dimethylcyclohexane

b) *trans*-1,3-dimethylcyclohexane

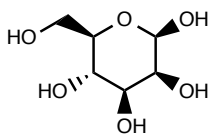
c) *cis*-1,4-dimethylcyclohexane

d) *trans*-1,4-dimethylcyclohexane

e)



**Glucose**



**Mannose**