1. Draw the Haworth and chair representations of a-D-glucose. Number the carbon atoms and label the anomic carbon for both.

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1. Draw side-by-side Haworth and chair representations of b-D-glucose. Number the carbon atoms and label the anomic carbons of each.

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1. Draw the mechanism for the conversion to cyclic a-D-glucose to b-D-glucose.

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1. In point form list why glucose is one of biology’s favorite sugars.

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1. Draw the chair representation of b-L-glucose?

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