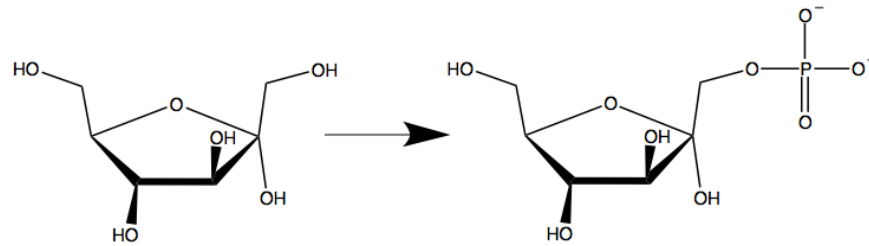


NAME: _____

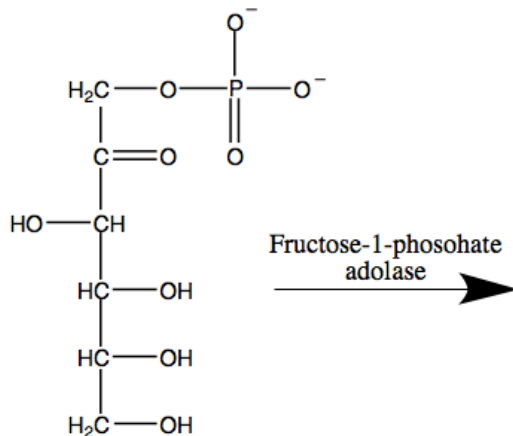
February 1, 2013

The following reactions occur in your liver as part of the metabolism of fructose. These reactions are very similar to ones that we have already studied. Use your knowledge of the reactions of glycolysis and fermentation to answer the following questions.

1.) Suggest (i) an appropriate name for the enzyme that catalyzes the following reaction and (ii) any additional reactants and/or products that you expect are included in this reaction.



2.) Predict the product or products for the following reaction:



3.) Suggest (i) an appropriate name for the enzyme that catalyzes the following reaction and (ii) any additional reactants and/or products that you expect are included in this reaction.

