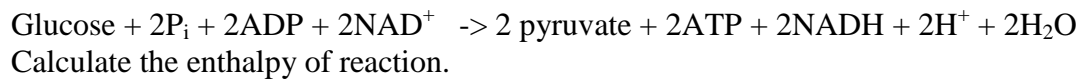


Homework 15  
Due Monday 12/05 at the beginning of class

1. (5 pts) Glycolysis can be simplified as:



2. (15 pts) Calculate the enthalpies of reaction for the following reactions:

a) Citrate  $\rightarrow$  Isocitrate

b) PEP + ADP + Pi  $\rightarrow$  Pyruvate + ATP

c)  $\text{NAD}^+ + \text{H}^+ \rightarrow \text{NADH}$