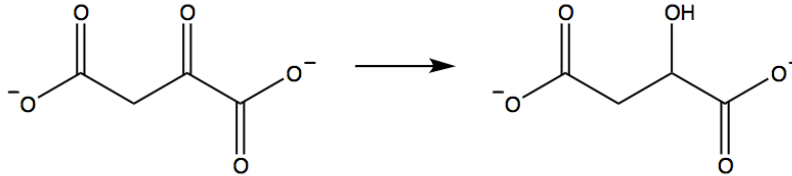


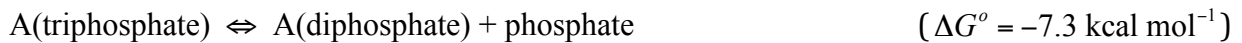
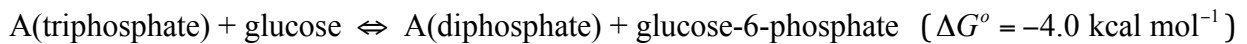
NAME: \_\_\_\_\_

January 21, 2013

Is the following reaction a reduction, an oxidation, or neither an oxidation or reduction reaction. Show your reasoning.



Given the following:



What is the  $\Delta G^\circ$  for:

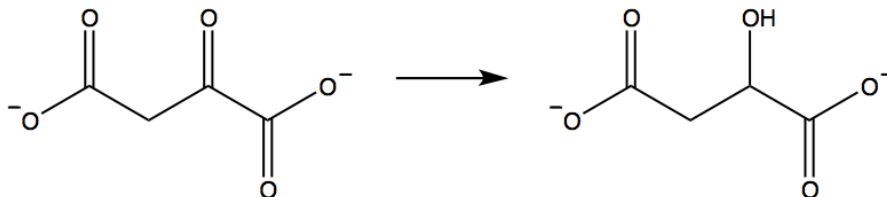


At equilibrium are more products or reactants present?

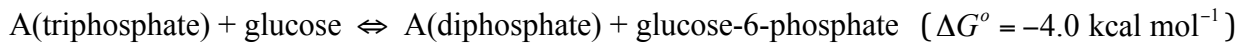
NAME: \_\_\_\_\_

January 21, 2013

Is the following reaction a reduction, an oxidation, or neither an oxidation or reduction reaction. Show your reasoning.



Given the following:



What is the  $\Delta G^\circ$  for:



At equilibrium are more products or reactants present?