NAME: _____ TUTORIAL:_____

1) Explain each step of glycolysis. /10

STEP 1:

_____ is _____ by ATP forming _____ catalysed by hexokinase.

STEP 2:

_____ is _____ to its isomer, _____.

STEP 3:

_____ is _____ by ATP forming _____ catalysed by _____

STEP 4:

_____ is _____ into _____ and _____

STEP 5:

_____ is converted to its isomer _____. 2 molecules of _____ are produced

STEP 6:

_____ is _____ by the transfer its electron to NAD^+. NAD^+ is reduced forming NADH + H^{+}. A phosphate group is used to _____ the oxidized substrate forming _____.

STEP 7:

A phosphate group is transferred from _____ to ADP forming ATP via _____. _____ forming _____.

STEP 8:

_____ is rearrange to its isomer, _____.

STEP 9:

_____ is rearranged to _____ by _____.

STEP 10:

A phosphate group is transferred from _____ to ADP forming ATP via _____._____forming _____