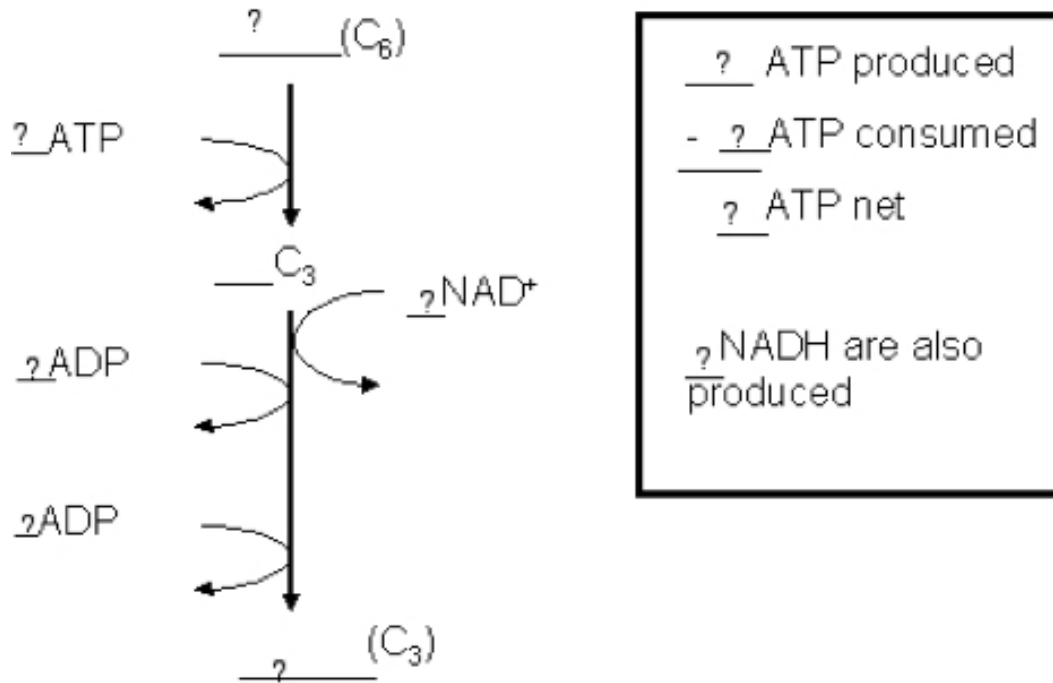


Chp 7 Test Study Guide

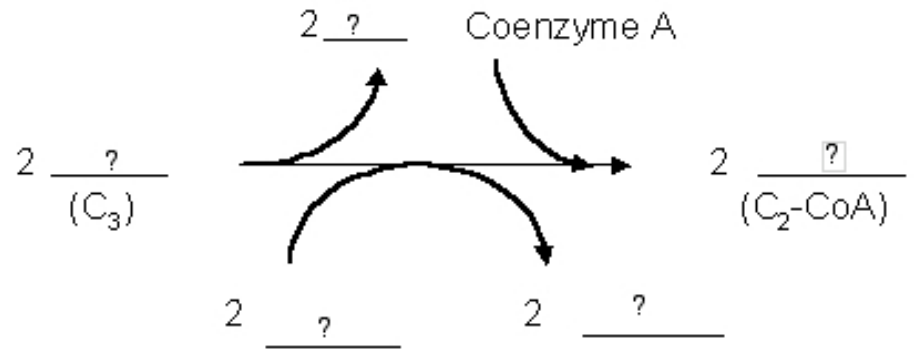
1. What is the difference between autotrophs & heterotrophs?
2. Can you write out the basic equation of cellular respiration?
3. Can you explain what cellular respiration is?
4. Can you identify the three main stages of cellular respiration?
5. Can you explain how ATP and ADP are related and what they have to do with cellular respiration?
6. Can you explain what grooming is in cellular respiration?
7. Can you explain what glycolysis is? (What you start with and what you end with)
8. Can you explain the Krebs cycle? (what you start with and what you get out of it)
9. Can you explain the electron transport chain? (what you start with and what you get out of it)
10. Can you identify the two electron carriers for cellular respiration?
11. Can you explain how ATP synthase & H⁺ generate ATP?
12. Can you explain fermentation? (How is it different from cellular respiration? How is it similar?)
13. Can you explain the difference between anaerobic and aerobic?
14. Can you define or explain the connection with cellular respiration for the following: a calorie; mitochondria; matrix of mitochondria;
15. Can you explain the difference between fermentation that is used to raise bread and fermentation that makes your muscles hurt?

Can you fill in the blanks on these charts and match the name to the correct process?

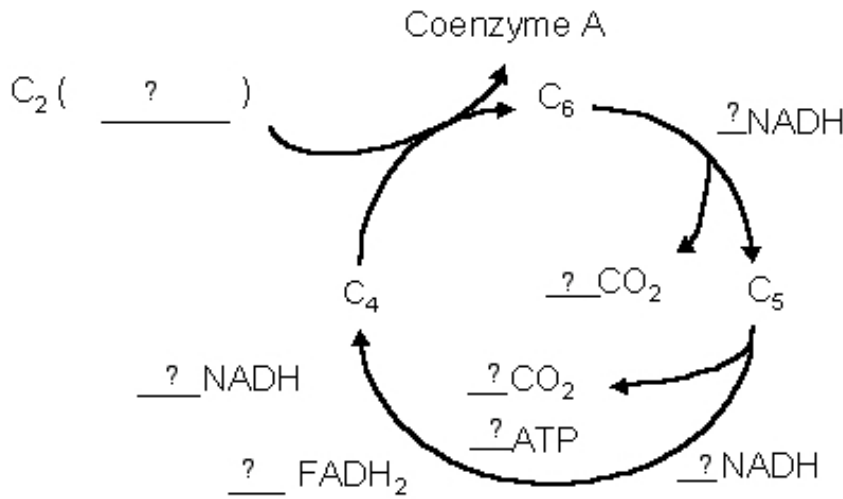
1. _____



2. _____



3. _____



4. _____

