

Honors Bio.,  
Chapter 7

Answer true or false. Change the word or phrase that negates the statement.

- F 1. Organisms, such as plants, that make their own food are called heterotrophs.  
**Organisms, such as plants, that make their own food are called autotrophs.**
- T 2. The energy of the electrons passing along the electron transport chain is used to make ATP.
- F 3. The Krebs Cycle starts with lactic acid and yields carbon dioxide.  
**The Krebs cycle starts with acetyl coA and yield carbon dioxide.**
- F 4. Photosynthesis uses oxygen, and cellular respiration produces it.  
**Photosynthesis uses carbon dioxide and cellular respiration produces it.**
- F 5. Lactic acid fermentation is the process that is used to make bread rise.  
**Alcoholic fermentation is the process that is used to make bread rise.**
- F 6. In the presence of oxygen, glycolysis is followed by alcoholic fermentation.  
**In the presence of oxygen, glycolysis is followed by the Krebs cycle.**
- T 7. Two turns of the Krebs' Cycle will result in 2 ATP molecules.
- F 8. The electron transport chain can produce up to 24 ATP molecules per molecule of glucose.  
**The electron transport chain can produce up to 34 ATP molecules per molecule.**
- T 9. Cellular respiration occurs only in the presence of oxygen.
- F 10. The body gets rid of lactic acid in a chemical pathway that requires carbon dioxide.  
**The body gets rid of lactic acid in a chemical pathway that requires oxygen.**