

Biology Chapter 9: Fermentation worksheet

1. Does fermentation require oxygen?
Yes No
2. What is a process called when it does not require oxygen?
Anaerobic Aerobic
3. Pyruvic acid enters the fermentation cycle from what process?
Glycolysis Cellular Respiration Krebs Cycle
4. What does fermentation produce in order to allow glycolysis to continue?
ATP NAD⁺ pyruvic acid oxygen
5. What are the two types of fermentation mentioned in your textbook?

A.

B.
6. How did these types of fermentation get their names?
7. Name one example of an organism that undergoes alcoholic fermentation.
8. What are the reactants of alcoholic fermentation?
9. What are the products of alcoholic fermentation?
10. What is a use of alcoholic fermentation in the kitchen?
11. Name one example of an organism that undergoes lactic acid fermentation.
12. What are the reactants of lactic acid fermentation?
13. What are the products of lactic acid fermentation?
14. What is a use of lactic acid fermentation in the kitchen?