

Chapter 9 Cellular Respiration **Section Review 9-1**

Reviewing Key Concepts

Completion *On the lines provided, complete the following sentences.*

1. The process in which food molecules are broken down in the presence of oxygen to release energy is called _____.
2. During glycolysis, one molecule of _____ is broken in half.
3. During glycolysis, NAD^+ is converted to _____.
4. Glycolysis produces a net gain of _____ ATP molecules for each reaction.
5. The products of alcoholic fermentation are _____, _____, and _____.

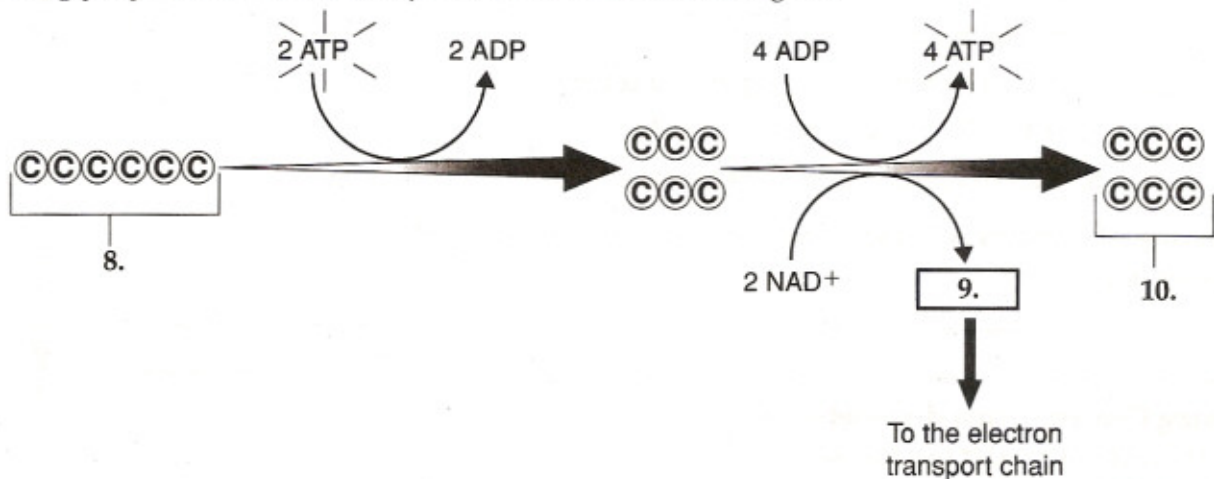
Short Answer *On the lines provided, answer the following questions.*

6. Why is fermentation considered an anaerobic process?

7. How does fermentation allow the production of ATP to continue?

Reviewing Key Skills

Labeling Diagrams *On the lines provided below, write the names of the substances in the glycolysis reaction that correspond to the numbers in the diagram.*



8. _____
9. _____
10. _____