| Chapter 9 Cellular Respiration Reviewing Key Concepts Completion On the lines provided, complete the following sentences. 1. The process that releases energy by breaking down glucose and other food molecules in the presence of oxygen is called 2. During glycolysis, one molecule of | Nan | ne | Clas | s | | Date | |
|--|----------|--|------------------------|---------------------------------|-----------------|-----------------|----------|
| Completion On the lines provided, complete the following sentences. 1. The process that releases energy by breaking down glucose and other food molecules in the presence of oxygen is called 2. During glycolysis, one molecule of | C | hapter 9 Cellular Respi | ration | | | Section Re | view 9-1 |
| 1. The process that releases energy by breaking down glucose and other food molecules in the presence of oxygen is called 2. During glycolysis, one molecule of | Re | viewing Key Concepts | s | | | | |
| food molecules in the presence of oxygen is called 2. During glycolysis, one molecule of | Cor | mpletion On the lines provi | ided, complete the fol | llowing sentences | | | |
| broken in half. 3. During glycolysis, NAD+ is converted to 4. Glycolysis produces a net gain of | 1. | | | | and othe | r | |
| 4. Glycolysis produces a net gain of | 2. | | olecule of | | is | | |
| molecules for each reaction. 5. The products of alcoholic fermentation are | | | | | | | |
| 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. 2 ATP 2 ADP 4 ADP 4 ATP 5 To the electron transport chain 8. | 4. | | | | _ ATP | | |
| 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. 2 ATP 2 ADP 4 ADP 4 ATP CCC CCC CCC CCC CCC CCC CCC CCC CCC | 5. | * | | | | | |
| 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. 2 ATP 2 ADP 4 ADP 4 ATP 2 ADP 4 ATP 2 NAD+ 9. 10. To the electron transport chain 8. | | | • | | s. | | |
| 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. 2 ADP 4 ADP 4 ATP 2 ADP 4 ADP 4 ATP CCC CCC To the electron transport chain 8. | 7. | How does fermentation a | llow the productio | n of ATP to con | tinue? | | |
| 0 | Latin to | peling Diagrams On the line the glycolysis reaction that con 2 ATP | rrespond to the numb | eers in the diagra 4 AD CCC CCC | m. P D+ [| 9. the electron | |
| 7. | 9. | | | | | | |

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Teaching Resources/Chapter 9