

CHAPTER 10 ENERGY IN A CELL

Review the Key Terms

Use the Chapter 10 key terms in the box below. Review the definitions of these terms. Then draw a line to match each term in the box with its definition.

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| <ul style="list-style-type: none"> a. ADP b. aerobic process c. anaerobic process d. ATP e. chemosynthesis f. electron transport chain g. photosynthesis h. respiration |
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1. breaking down energy from food molecules
2. biological process that needs oxygen
3. ATP without the third phosphate group
4. series of molecules that move electrons
5. biological process that captures energy without the sun
6. biological process that does not need oxygen
7. biological process that uses energy from the sun
8. energy-storing molecules

Look at each Chapter 10 key term in the box below. If the term goes with photosynthesis, write it in the table under *Photosynthesis*. If the term goes with aerobic respiration, write the term under *Aerobic Respiration*. If the term goes with anaerobic respiration, write it under *Anaerobic Respiration*. Some terms may go under more than one heading.

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| <ul style="list-style-type: none"> citric acid cycle lactic acid fermentation | <ul style="list-style-type: none"> light reaction alcoholic fermentation | <ul style="list-style-type: none"> glycolysis Calvin cycle |
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Photosynthesis	Aerobic Respiration	Anaerobic Respiration