Section 7-2 Review

- 1. What four-carbon compound is regenerated at the end of the Krebs cycle? With what two-carbon compound does it combine at the start of the Krebs cycle?
- 2. How is the synthesis of ATP in the electron transport chain of mitochondria similar to the synthesis of ATP in chloroplasts?
- 3. What role does oxygen play in aerobic respiration? What molecule does oxygen become a part of as a result of aerobic respiration?
- 4. In what part of a mitochondrion does the Krebs cycle occur? In what part of a mitochondrion is the electron transport chain located?
- Calculate the efficiency of aerobic respiration if a cell generates 32 ATP molecules per molecule of glucose.

Section 7 2 Review Aerobic Respiration Key

Zhe Xu

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