Name

2.30 Anaerobic and Aerobic Respiration

1. Define aerobic and anaerobic respiration.

2. What process is common to both aerobic and anaerobic respiration?

3. Why do scientists think that glycolysis evolved before the other stages of cellular respiration?

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4. What is the main advantage of aerobic respiration? Of anaerobic respiration?

5. Tanya is on the high school track team and runs the 100-meter sprint. Marissa is on the cross-country team and runs 5-kilometer races. Explain which type of respiration the muscle cells in each runner's legs use.

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