

Name

## 2.25 Cellular Respiration

1. Define cellular respiration.
2. What are the three stages of cellular respiration?
3. Describe the structure of the mitochondrion and discuss the importance of this structure in cellular respiration.

4. Assume that a new species of organism has been discovered. Scientists have observed its cells under a microscope and determined that they lack mitochondria. What type of cellular respiration would you predict that the new species uses? Explain your prediction.

5. When you exhale onto a cold window pane, water vapour in your breath condenses on the glass. Where does the water vapour come from?