

## 2-8 How do cells obtain energy?

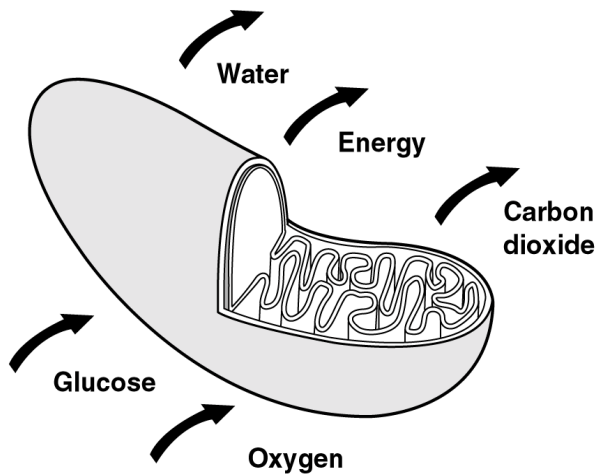
### Lesson Review

Complete the following.

1. A cell releases energy from food without using oxygen by \_\_\_\_\_ .
2. Plants use sunlight to make food in their leaves by using a process called \_\_\_\_\_ .
3. A plant breaks down sugar and releases energy using a process called \_\_\_\_\_ .
4. Plants use the Sun's energy to produce oxygen and \_\_\_\_\_ .
5. The ability to do work or cause change is \_\_\_\_\_ .
6. Photosynthesis occurs in a plant's \_\_\_\_\_ .
7. Fermentation causes cells to break down sugar into carbon dioxide and \_\_\_\_\_ .
8. During photosynthesis, plants take in water and \_\_\_\_\_ .

### Skill Challenge

**Skills:** interpreting diagrams



Answer the questions about the diagram shown above.

1. What process is being shown by the substances moving into and out of this structure?  
\_\_\_\_\_
2. What is the name of the structure shown? \_\_\_\_\_
3. Which substances are combined to release energy? \_\_\_\_\_
4. Which substances are byproducts? \_\_\_\_\_