



Section 1.2

Cells

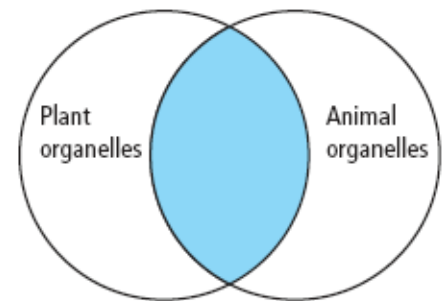
Check Your Understanding

Checking Concepts

1. What is the role of the nucleus in a cell?
2. Describe the function of the cell membrane.
3. How does the cell produce energy to carry out various cellular activities?
4. Which organelle is like a storage container?
5. How does a cell make its energy? Which organelle performs this function?
6. Predict what would happen to a plant cell if the chloroplasts stopped functioning.
7. Correctly identify the labelled organelles in the illustrations of cells on page 39 of your textbook.
A _____ B _____
C _____ D _____
E _____ F _____
G _____

Understanding Key Ideas

14. Recall the Protection Dome of Newo. Explain why a cell membrane could not be like the Protection Dome, which had a solid wall and just one opening.
15. Draw a Venn diagram like the one below to the right. Fill in each section with the correct organelles.



Pause and Reflect

Write a paragraph or develop a table to explain how each of the examples below is like a cell.

- (a) an airport
- (b) a shopping mall
- (c) a hospital