

Skills Worksheet

Directed Reading

Section: From Cell to Organism

Read each question, and write your answer in the space provided.

1. What are four ways that prokaryotes differ from eukaryotes?

2. What are some ways that prokaryotes can vary?

3. What are two different structures some prokaryotes have? Describe each, and tell its function.

4. How do plant cells differ from animal cells?

5. Define *tissue*, and give an example of a plant tissue and an animal tissue.

Directed Reading *continued*

6. Define *organ*, and give an example of an organ in plants and an organ in animals.

7. Distinguish between organs and organ systems. Give an example of an organ system in plants and an organ system in animals.

8. Define *multicellular organism*.

9. What is a colonial organism? Give an example.

10. What makes multicellular organisms very different from colonial organisms?
