

Skills Worksheet

Directed Reading

Section: Multicellular Life Cycles

In the space provided, explain how the terms in each pair differ in meaning.

1. diploid life cycle, haploid life cycle

2. sperm, ovum

3. sporophyte, gametophyte

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

4. What are spermatogenesis and oogenesis?

5. List the three types of life cycles. Give an example of an organism that undergoes each type of life cycle.

Directed Reading *continued*

6. How can you tell which type of sexual life cycle an organism undergoes?

7. List the main steps in the diploid life cycle. Begin with meiosis.

8. Why does meiosis produce four sperm cells but only one ovum?
