

Skills Worksheet

Directed Reading

Section: Reproduction

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

1. asexual reproduction, sexual reproduction

2. binary fission, fragmentation

3. budding, parthenogenesis

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

4. What are the advantages and disadvantages of asexual reproduction?

5. What are the advantages of sexual reproduction?

Directed Reading *continued*

Complete each statement by writing the correct term in the space provided.

6. Chromosomes that are similar in size, shape, and genetic content are called _____.
7. A cell, such as a somatic cell, that contains two sets of chromosomes is said to be _____.
8. Biologists use the symbol _____ to represent one set of chromosomes.
9. Human somatic cells have _____ chromosomes.

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

10. What is the difference between an autosome and a sex chromosome?

11. What are the sex chromosomes in human females and males? What is one major difference between them?
