

## Skills Worksheet

**Vocabulary Review**

In the space provided, write the letter of the term or phrase that best completes each statement or best answers each question.

- \_\_\_\_\_ 1. An organism's reproductive cells, such as sperm or egg cells, are called  
a. genes. c. gametes.  
b. chromosomes. d. zygotes.
- \_\_\_\_\_ 2. A form of asexual reproduction in bacteria is  
a. binary fission. c. mitosis.  
b. trisomy. d. development.
- \_\_\_\_\_ 3. A segment of DNA that codes for a protein or RNA molecule is a  
a. chromosome. c. chromatid.  
b. gene. d. centromere.
- \_\_\_\_\_ 4. At the beginning of cell division, DNA and the proteins associated with the DNA coil into a structure called a(n)  
a. chromatid. c. centromere.  
b. autosome. d. chromosome.
- \_\_\_\_\_ 5. The two exact copies of DNA that make up each chromosome are called  
a. homologous chromosomes. c. chromatids.  
b. centromeres. d. autosomes.
- \_\_\_\_\_ 6. The two chromatids of a chromosome are attached at a point called the  
a. diploid. c. spindle.  
b. centriole. d. centromere.
- \_\_\_\_\_ 7. Chromosomes that are similar in size, shape, and genetic content are called which of the following?  
a. homologous chromosomes c. diploid  
b. haploid d. karyotypes
- \_\_\_\_\_ 8. When a cell contains two sets of chromosomes, it is said to be  
a. haploid. c. diploid.  
b. binary. d. saturated.
- \_\_\_\_\_ 9. When a cell contains one set of chromosomes, it is said to be  
a. haploid. c. diploid.  
b. separated. d. homologous.
- \_\_\_\_\_ 10. The fertilized egg, the first cell of a new individual, is called a(n)  
a. autosome. c. organism.  
b. zygote. d. chromosome.

