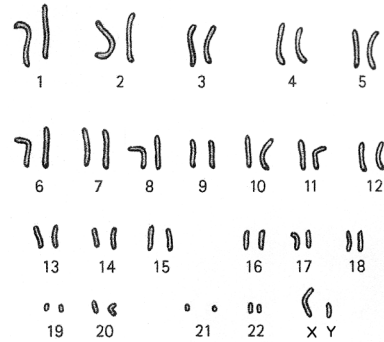
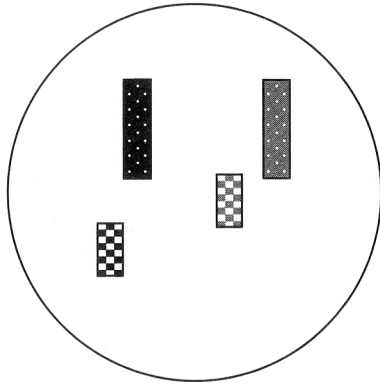


Conceptual Biology

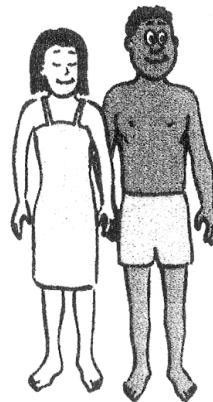
Chapter 5: DNA and Genes

Chromosomes

1. On the left are some chromosomes from a diploid cell. On the right are chromosomes from a human cell.



- a. How many chromosomes are in the diploid cell? _____
- b. After the diploid cell goes through meiosis, how many chromosomes will there be in the resulting cells? _____
- c. How many chromosomes are in the human cell? _____
- d. Two kinds of cells that are produced through meiosis in humans are _____ and _____.
- e. The human chromosomes above belong to one of the two people shown here. Circle the correct person.



f. How do you know?
