

Chapter 40 The Immune System and Disease**Section Review 40-1****Reviewing Key Concepts**

Short Answer *On the lines provided, answer the following:*

1. What is a disease?

2. What are three causes of disease?

3. Name the four ways in which infectious diseases are spread.

Reviewing Key Skills

4. **Applying Concepts** The organism that causes meningitis has been identified as a bacterium named *Neisseria meningitis*. Does this identification support the germ theory of disease? Explain your answer.

5. **Inferring** Koch's postulates state that a pathogen must be isolated and grown in a laboratory in pure culture. Why is this step essential to identifying the pathogen that causes a specific disease?

Classifying *On the line provided, write the type of pathogen that causes each disease.*

6. Influenza _____

7. Tuberculosis _____

8. Malaria _____

9. Athlete's foot _____

10. **Applying Concepts** Would an antibiotic help you get rid of the common cold? Explain your answer.
