

SECTION
31.2 | IMMUNE SYSTEM
Study Guide

KEY CONCEPT

The immune system consists of organs, cells, and molecules that fight infections.

VOCABULARY

immune system	B cell	passive immunity
phagocyte	antibody	active immunity
T cell	interferon	

MAIN IDEA: Many body systems protect you from pathogens.

1. What is the immune system?

2. For each, describe how it helps the immune system by protecting the body from pathogens.

Tissue or Body System	How It Protects the Body from Infection
skin	
mucus membrane	
circulatory system	

MAIN IDEA: Cells and proteins fight the body's infections.

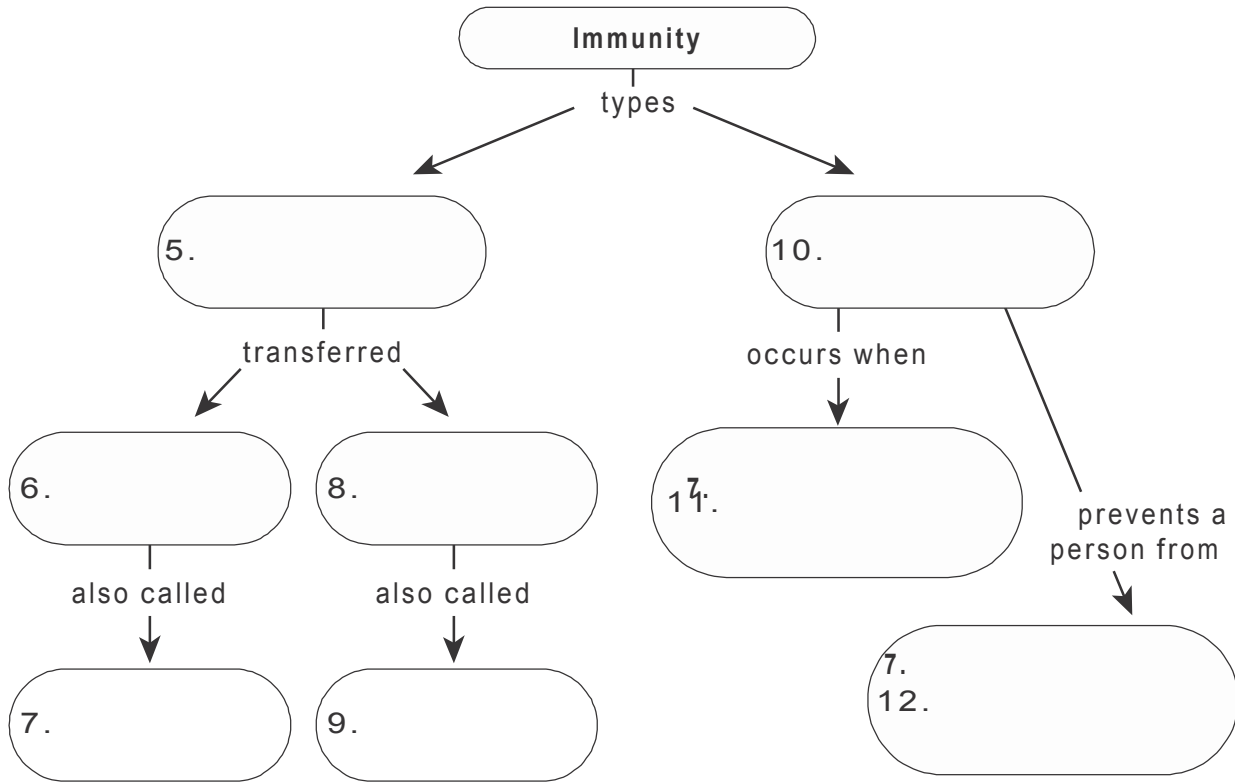
3. How do your basophil cells react when a pathogen enters the body?

4. What are three ways that antibodies help fight infection?

STUDY GUIDE, CONTINUED

MAIN IDEA: Immunity prevents a person from getting sick from a pathogen.

Fill in the blanks in the concept map to take notes on the differences between active and passive immunity.



Vocabulary Check

13. Come up with a way to remember the difference between B cells and T cells.

14. The word *phagocyte* comes from two Greek words: *phago-* means “to eat” and *-cyte* means cell. How can this help you remember the definition of the word *phagocyte*?

15. *Interferon* is similar to the word *interference*. How can this clue help you remember what *interferon* means?
