



Name

Period

Date

SECTION
28.1

LEVELS OF ORGANIZATION
Study Guide

KEY CONCEPT

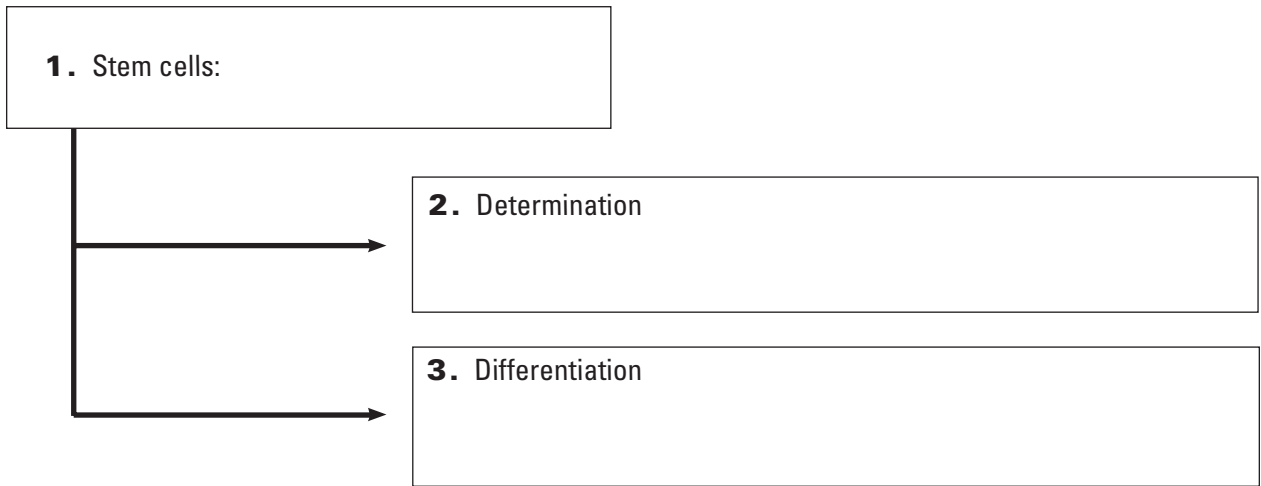
The human body has five levels of organization.

VOCABULARY

determination	organ
differentiation	organ system
tissue	

MAIN IDEA: Specialized cells develop from a single zygote.

Fill in the main idea and supporting information for cell development.



4. What are the characteristics of stem cells?

5. Look at Figure 28.2. Describe some of the shapes and structures that the cells in this figure acquired during differentiation.

6. Give two examples of how cell structures relate to cell functions.

Section 28.1 STUDY GUIDE CONTINUED

MAIN IDEA: Specialized cells function together in tissues, organs, organ systems, and the whole organism.

7. Write a description of each level of organization and draw a sketch to help you remember it.

Level of Organization	Description	Sketch

Vocabulary Check

8. There is an easy way to remember the difference between *determination* and *differentiation*. Look at the first part of each word. Explain how these word parts can help you remember the meaning of each term.
