

CHAPTER 37 PROTECTION, SUPPORT, AND LOCOMOTION**Get the Big Picture**

Read the paragraph in the box. Then answer the questions.

Vertebrates have bones, muscles, and skin to give their bodies support, movement, and protection. Bones form a skeleton that supports body tissues. The skeleton also helps protect organs such as the heart, lungs, and brain. Muscles help to move the skeleton. Muscles are protein fibers attached to bones. Skin surrounds and protects the skeleton and muscles. Skin also helps keep the body in a balanced internal state called **homeostasis**. For example, sweat glands and sweat help to prevent the body from overheating.

1. What are the two functions of the skeleton? _____

2. What do muscles do? _____

3. What are two functions of skin? _____

4. What is the purpose or function of sweat glands in the body? _____

5. Other than support for body tissues, what else do the bones provide? _____

6. What is the name for the state of balance that is maintained in the body? _____
