

SECTION  
**16.3** | THE MUSCULAR SYSTEM MAKES MOVEMENT POSSIBLE.  
**Reading Study Guide B**

**BIG IDEA** The human body is made up of systems that work together to perform necessary functions.

**KEY CONCEPT** The muscular system makes movement possible.

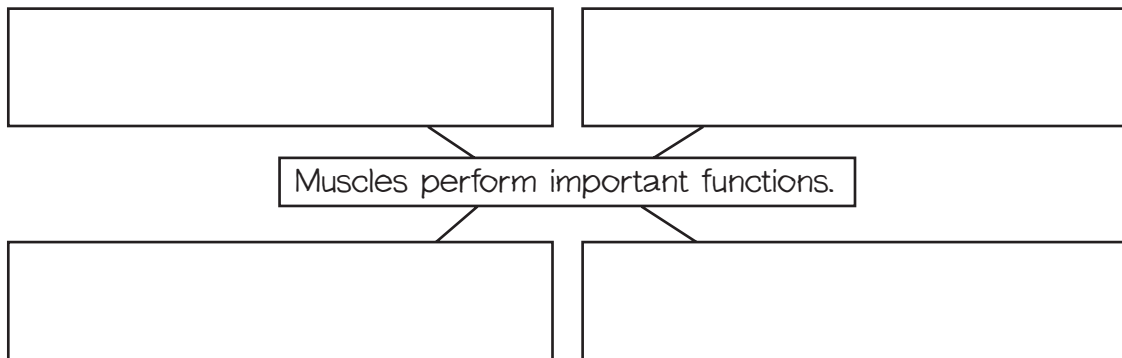
### Review

Joints function in several different ways.

### Take Notes

#### I. Muscles perform important functions. (p. 584)

1. Fill in the main idea web for the main idea shown.



#### A-C. Movement, Body Temperature, and Posture (p. 585)

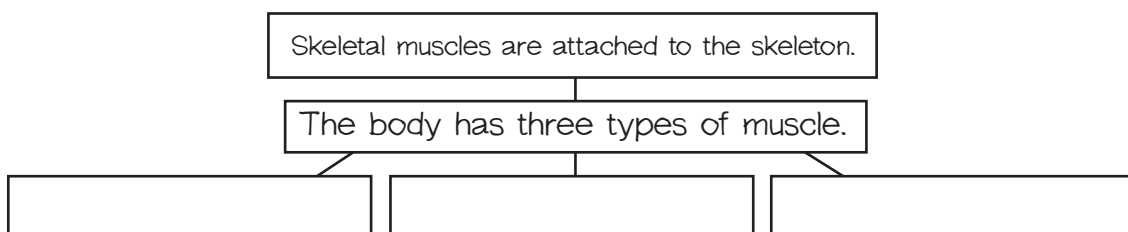
2. Below each picture, write the important function the muscles are performing.



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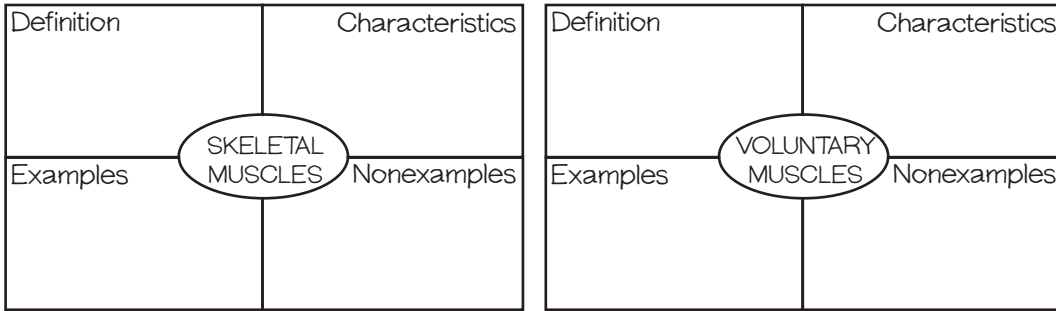
#### II. Your body has different types of muscle. (p. 586)

3. Fill in the main idea web for the main idea shown.



**A. Skeletal Muscle (p. 586)**

4. Fill in the four square diagrams for skeletal muscles and voluntary muscles.



**B. Smooth Muscle (p. 586)**

5. What is smooth muscle?

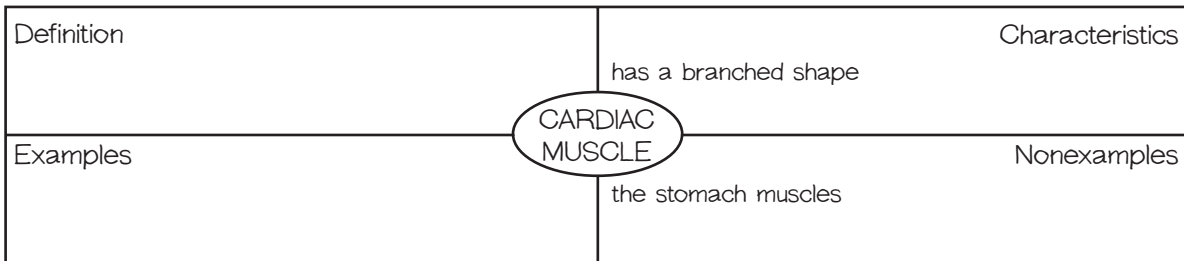
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6. How are smooth muscles different from skeletal muscles?

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**C. Cardiac Muscle (p. 586)**

7. Fill in the four square diagram with a definition and an example of cardiac muscle.



**III. Skeletal muscles and tendons allow bones to move. (p. 588)**

8. How do skeletal muscles work with tendons to cause movement?

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**IV. Muscles grow and heal. (p. 589)**

9. Fill in the main idea web with information about how muscles grow and heal.

