

## Chapter 36 Skeletal, Muscular, and Integumentary Systems

## Section Review 36-2

### Reviewing Key Concepts

**Short Answer** *On the lines provided, answer the following questions.*

1. Name three different types of muscle tissue.

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2. Describe the sliding-filament model of muscle contraction.

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3. What supplies the energy for muscle contraction?

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**Identifying Structures** *On the line provided, label each characteristic with the type of muscle tissue that it describes.*

4. spindle-shaped, no striations \_\_\_\_\_

5. found in the heart \_\_\_\_\_

6. found in blood vessels \_\_\_\_\_

7. attached to bones \_\_\_\_\_

### Reviewing Key Skills

8. **Predicting** What would occur if the body did not produce the enzyme that breaks down acetylcholine?

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9. **Applying Concepts** Explain how the skeletal and muscular systems work together to produce movement in the lower leg.

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10. **Inferring** What happens to the muscles in the arm when a cast is worn on it to allow a broken bone to heal? Explain your answer.

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