

## Chapter 28 Arthropods and Echinoderms

## Section Review 28-4

### Reviewing Key Concepts

**Identifying Structures** *On the lines provided, list five characteristics of echinoderms.*

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

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

6. What are three essential body functions carried out by the water vascular system?

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7. What are the major classes of echinoderms?

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### Reviewing Key Skills

8. **Applying Concepts** What has led scientists to believe that echinoderms are more closely related to humans and other vertebrates than to cnidarians?

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9. **Applying Concepts** Describe the process that allows a tube foot to hold on to an object.

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10. **Comparing and Contrasting** How are the feeding methods used by sea lilies and sea stars similar? How are they different?

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