

**Chapter 26 Sponges and Cnidarians** **Section Review 26-2**

**Reviewing Key Concepts**

**Completion** *On the lines provided, complete the following sentences using one of the words in parentheses.*

- 1. A sponge is classified as a(an) \_\_\_\_\_ (plant/animal).
- 2. Sponges are \_\_\_\_\_ (autotrophs/heterotrophs).
- 3. The cells of sponges \_\_\_\_\_ (do/do not) have cell walls.
- 4. Sponges contain \_\_\_\_\_ (no/some) specialized cells.

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

- 5. What role does the movement of water play in the essential functions of a sponge?

\_\_\_\_\_  
\_\_\_\_\_

- 6. How does a sponge move water through its body?

\_\_\_\_\_  
\_\_\_\_\_

- 7. Describe how a sponge obtains and digests food.

\_\_\_\_\_  
\_\_\_\_\_

**Reviewing Key Skills**

- 8. **Comparing and Contrasting** How do sponges reproduce sexually? How does this differ from asexual reproduction?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- 9. **Inferring** When faced with difficult environmental conditions, sponges produce gemmules. How does this help sponges?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- 10. **Applying Concepts** How might the extinction of a species of sponge affect other organisms in the same kind of habitat?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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