

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?
