

Chapter 29 Comparing Invertebrates

Chapter Vocabulary Review

Defining Terms *On the lines provided, write a definition for each of the following terms.*

1. cephalization _____

2. intracellular digestion _____

3. extracellular digestion _____

4. open circulatory system _____

5. closed circulatory system _____

Multiple Choice *On the lines provided, write the letter of the answer that best completes each sentence.*

- _____ 6. Invertebrates with mirror-image left and right sides have
 - a. bilateral symmetry.
 - b. bifunctional symmetry.
 - c. unilateral symmetry.
 - d. radial symmetry.
- _____ 7. Invertebrates that have no coelom lack a
 - a. heart.
 - b. body cavity.
 - c. digestive tract.
 - d. mouth.
- _____ 8. Blood stays within blood vessels in a(an)
 - a. open circulatory system.
 - b. respiratory system.
 - c. nervous system.
 - d. closed circulatory system.
- _____ 9. The process of fertilization in which adults release eggs and sperm into surrounding water is called
 - a. asexual reproduction.
 - b. asexual fertilization.
 - c. internal fertilization.
 - d. external fertilization.
- _____ 10. The process in which eggs are fertilized inside the body of a female animal is called
 - a. internal fertilization.
 - b. asexual fertilization.
 - c. external fertilization.
 - d. asexual reproduction.

Matching On the lines provided, write the name of the invertebrate group or groups that exhibit the features described.



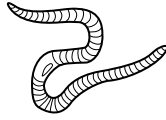
Cnidarian



Flatworms



Mollusks



Annelids



Arthropods



Echinoderms

11. radial symmetry

12. cephalization

13. true coelom

14. protostome development

Completing Tables In the spaces provided, fill in a description and give two examples of animals with the different types of skeletons.

| | Hydrostatic Skeleton | Exoskeleton | Endoskeleton |
|--|----------------------|-------------|--------------|
| Description | 15. | 16. | 17. |
| Examples of animals with this type of skeleton | 18. | 19. | 20. |