

Chapter 29 Comparing Invertebrates

Vocabulary Review

Answering Questions *In the space provided, write an answer to each question.*

1. Why are events of the early Cambrian Period called the Cambrian Explosion? _____

2. What is the advantage of cephalization? _____

3. What are the two basic features that all respiratory systems share? _____

Matching *In the space provided, write the letter of the definition that best matches each term.*

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| _____ 4. acoelomate | a. fertilization inside the body of the female |
| _____ 5. hydrostatic skeleton | b. animal whose blastopore develops into its mouth |
| _____ 6. intracellular digestion | c. fluid-filled body cavity surrounded and supported by muscles |
| _____ 7. internal fertilization | d. fertilization outside the body of the female |
| _____ 8. deuterostome | e. animal whose blastopore develops into its anus |
| _____ 9. extracellular digestion | f. animal whose body cavity is fully lined with mesoderm |
| _____ 10. pseudocoelomate | g. animal with no body cavity |
| _____ 11. protostome | h. food is broken down in a digestive cavity or tract |
| _____ 12. external fertilization | i. hard body covering |
| _____ 13. exoskeleton | j. structural support inside the body |
| _____ 14. coelomate | k. animal whose body cavity is partly lined with mesoderm |
| _____ 15. endoskeleton | l. food is broken down within cells |