

Chapter 28 Arthropods and Echinoderms

Section Review 28-1

Reviewing Key Concepts

Short Answer *On the lines provided, describe the three main features of arthropods.*

1. _____
2. _____
3. _____

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

4. How have the number of body segments in arthropods changed during the course of evolution?

5. During the process of evolution, how have the appendages of arthropods changed?

6. Describe the function and process of molting.

Reviewing Key Skills

7. **Inferring** What adaptation in the exoskeletons of terrestrial arthropods prevents water loss? What advantage does this give the arthropod?

8. **Comparing and Contrasting** Compare and contrast book lungs and tracheal tubes.

9. **Comparing and Contrasting** Compare the processes of excretion used by terrestrial and aquatic arthropods.

10. **Applying Concepts** Explain how an arthropod uses its muscles to move its exoskeleton.

