

**SECTION**  
**4****Reinforcement****Arthropods and  
Echinoderms**

**Directions:** Answer the following questions on the lines provided.

1. Arthropods have appendages instead of setae. What different kinds of appendages do they have?

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2. What is the main difference between centipedes and millipedes?

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3. What is attached to an insect's thorax? \_\_\_\_\_

4. In insects, what does the blood transport? What is not transported by the blood?

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5. What are the four stages of complete metamorphosis?

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6. If spiders cannot chew, how can they eat?

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7. Why is a large heavy exoskeleton less limiting for arthropods that live in water?

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8. Describe how a sea star feeds on a clam.

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9. How do the tube feet of an echinoderm help the animal?

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10. What happens if a sea star loses an arm?

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11. Why are echinoderms important to the marine environment?

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12. What functions do tube feet serve in an echinoderm such as a sea star?

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