

**Chapter 24**

Use with Section 1

**REINFORCEMENT****● Life and Geologic Time**

Answer the following questions on the lines provided.

1. What determines the divisions of eras and periods on the geologic time scale? \_\_\_\_\_  
\_\_\_\_\_
2. Which of the eras on the geologic time scale is divided into both periods and epochs?  
\_\_\_\_\_
3. Why do geologists study fossils? \_\_\_\_\_  
\_\_\_\_\_
4. How do trilobite eyes indicate the environment they lived in? \_\_\_\_\_  
\_\_\_\_\_
5. Why are trilobites considered index fossils? \_\_\_\_\_  
\_\_\_\_\_
6. What factors in the environment or surroundings would cause a species to change?  
\_\_\_\_\_
7. How might geologic events, such as the movement of tectonic plates, affect the environment in which species live? \_\_\_\_\_  
\_\_\_\_\_
8. Why were corals a dominant life-form on Earth during the Silurian period? \_\_\_\_\_  
\_\_\_\_\_
9. Why are corals no longer a dominant form? \_\_\_\_\_  
\_\_\_\_\_
10. In what epoch, period, and era do you live? \_\_\_\_\_  
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