

**SECTION**  
**1****Reinforcement****Life and Geologic Time**

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

1. What determines the divisions of eras and periods on the geologic time scale?

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2. Which of the eras on the geologic time scale is divided into both periods and epochs?

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3. Why do scientists study fossils?

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4. How do trilobite eyes indicate the environment they lived in?

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5. Why are trilobites considered index fossils?

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6. What factors in the environment or surroundings would cause a species to change?

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7. How might geologic events, such as the movement of tectonic plates, affect the environment in which species live?

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8. In what epoch, period, and era do you live?

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