

Chapter 13

Text Pages 366–373

STUDY GUIDE

● Early Earth History

Answer the questions on the lines at the left.

- _____ 1. Which era or “time” in the geologic time scale lasted the longest?
- _____ 2. Which era or “time” is the oldest?
- _____ 3. What is thought to be one of the earliest forms of life on Earth?
- _____ 4. What appeared in the atmosphere that allowed more complex organisms to develop?
- _____ 5. What kind of animals developed near the end of the first era?
- _____ 6. What name was given to the second of Earth’s eras?
- _____ 7. What covered most of Earth’s surface at the beginning of the second era?
- _____ 8. What familiar marine life-form evolved during this era?
- _____ 9. What type of animal evolved that lived out of water but reproduced in water?
- _____ 10. What mountain chain was caused by the collision of the Eurasian or African continental plates with the North American Plate?
- _____ 11. What type of animal is thought to have developed after the evolution of an egg that would not dry out on land?
- _____ 12. The formation of swamps and the decay of swamp vegetation are the basis for what fossil fuel?

Answer the following questions in complete sentences on the lines provided.

13. What happened to all of the continental plates near the end of the Paleozoic Era? _____

14. What happened to many land and sea animals at this time? _____
