

**Chapter 12**

Use with Section 1

**REINFORCEMENT****● Fossils**

Write the word "no" in front of statements that do not describe a fossil. Write "fossil" if the statement describes a fossil. After each fossil description, name the type described.

- |       |                                                                                               |       |
|-------|-----------------------------------------------------------------------------------------------|-------|
| _____ | 1. Dinosaur tracks in rocks                                                                   | _____ |
| _____ | 2. Bird tracks in snow                                                                        | _____ |
| _____ | 3. Dinosaur leg bone containing quartz instead of calcium                                     | _____ |
| _____ | 4. Insect in amber from a pine tree                                                           | _____ |
| _____ | 5. Oil formed from sea animals of long ago                                                    | _____ |
| _____ | 6. Rocklike wood from a tree that lived millions of years ago                                 | _____ |
| _____ | 7. Sandstone showing ripple marks from water                                                  | _____ |
| _____ | 8. Living pine tree more than 4000 years old                                                  | _____ |
| _____ | 9. Thin cavity in a rock showing where a shell had decayed                                    | _____ |
| _____ | 10. Shell-shaped mineral found in rock cavity                                                 | _____ |
| _____ | 11. Flesh, fur, and bones of a woolly mammoth preserved in frozen ground                      | _____ |
| _____ | 12. Arrowhead made thousands of years ago                                                     | _____ |
| _____ | 13. Burrows of worms that lived millions of years ago                                         | _____ |
| _____ | 14. Rocklike parts of a species of fish that lived a short time in several parts of the world | _____ |
| _____ | 15. Thin layer of carbon from the remains of a plant that lived thousands of years ago        | _____ |

Answer the following questions on the lines provided.

16. What three kinds of information can geologists gather from a study of fossils? \_\_\_\_\_  
\_\_\_\_\_
17. What must happen to a dead organism if a fossil is to form? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
18. What do you know about a rock layer found on a mountain if you find a seashell fossil in the layer? \_\_\_\_\_  
\_\_\_\_\_