

Skills Worksheet

Directed Reading B (Lesson 7-1)**Section: Inside the Earth**

Circle the letter of the best answer for each question.

1. What is the Earth made of?
 - a. several layers
 - b. hollow space
 - c. solid rock
 - d. one layer

THE COMPOSITION OF THE EARTH

Read the description. Then, **draw a line** from the dot next to each description to the matching word.

- | | | |
|---|---|-------------|
| 2. substance made of two or more elements | ● | a. compound |
| 3. thinner, outer layer of Earth | ● | b. core |
| 4. layer between the crust and core | ● | c. crust |
| 5. layer made of the heaviest elements | ● | d. mantle |

PHYSICAL STRUCTURE OF THE EARTH

- | | | |
|--|---|------------------|
| 6. number of Earth's physical layers | ● | a. lithosphere |
| 7. layer of the Earth made of crust and upper mantle | ● | b. asthenosphere |
| 8. part of the mantle made of solid rock that flows slowly | ● | c. five |

Directed Reading B *continued*

Read the description. Then, draw a line from the dot next to each description to the matching word.

- | | | |
|-------------------------------------|---|---------------|
| 9. strong, lower part of the mantle | ● | a. outer core |
| 10. liquid layer under the mantle | ● | b. mesosphere |
| 11. solid center of Earth | ● | c. inner core |

TECTONIC PLATES

Circle the letter of the best answer for the question.

12. What are large pieces of lithosphere that move on top of the asthenosphere called?
- a. mantle pieces
 - b. crust plates
 - c. tectonic plates
 - d. puzzle pieces

A Giant Jigsaw Puzzle

13. How do tectonic plates fit together?
- a. like a layer cake
 - b. like a jigsaw puzzle
 - c. like a stack of books
 - d. like a model car

A Tectonic Plate Close-Up

14. Which of the following is the thickest part of the South American plate?
- a. the continental crust
 - b. the oceanic crust
 - c. the mantle
 - d. the mid-Atlantic Ocean

Directed Reading B *continued*

Like Ice Cubes in a Bowl of Punch

Circle the letter of the best answer for the question.

15. How are tectonic plates like ice cubes in a bowl of punch?
- a. Tectonic plates move and touch each other.
 - b. Tectonic plates melt and become liquid.
 - c. Tectonic plates sink and disappear from the surface.
 - d. Tectonic plates freeze and become harder.

MAPPING THE EARTH'S INTERIOR

16. What causes seismic waves?
- a. winds
 - b. an earthquake
 - c. magnetic reversal
 - d. rain
17. What can scientists find out about the Earth with a seismograph?
- a. Earth's density and thickness
 - b. Earth's age
 - c. Earth's atmosphere
 - d. Earth's temperature