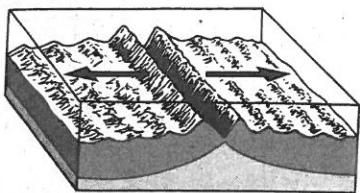


# The Theory of Plate Tectonics

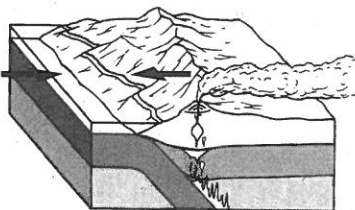
3

## Understanding Main Ideas

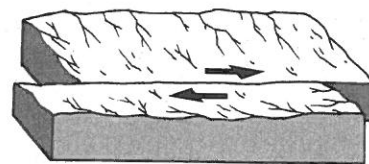
Label each figure by writing the type of plate boundary it shows.



1. \_\_\_\_\_



2. \_\_\_\_\_



3. \_\_\_\_\_

Answer the following questions on a separate sheet of paper.

- Describe what happens when (a) two plates carrying oceanic crust collide, (b) two plates carrying continental crust collide, and (c) a plate carrying oceanic crust collides with a plate carrying continental crust.
- Explain what force caused the movement of the continents from one supercontinent to their present positions.

## Building Vocabulary

Fill in the blank to complete each statement.

- A scientific \_\_\_\_\_ is a well-tested concept that explains a wide range of observations.
- Breaks in Earth's crust where rocks have slipped past each other are called \_\_\_\_\_.
- The lithosphere is broken into separate sections called \_\_\_\_\_.
- A(n) \_\_\_\_\_ is a deep valley on land that forms along a divergent boundary.
- The geological theory that states that pieces of Earth's crust are in constant, slow motion is called \_\_\_\_\_.