

SECTION 3

Reinforcement

Theory of Plate Tectonics

Directions: Use the following words to fill in the blanks below.

asthenosphere

lithosphere

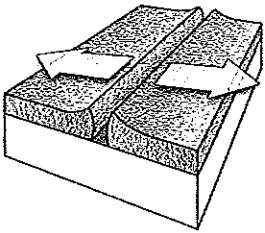
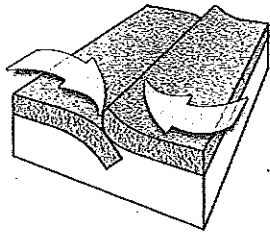
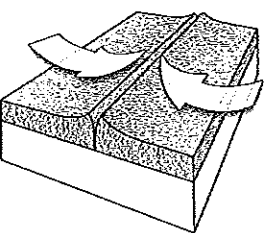
plate tectonics

convection

plates

- The theory of _____ states that Earth's crust and upper mantle are broken into sections.
- These sections, called _____, are composed of the crust and a part of the upper mantle.
- The crust and upper mantle together are called the _____.
- Beneath this layer is the plasticlike _____.
- Scientists suggest that differences in density cause hot, plasticlike rock to be forced upward toward the surface, cool, and sink. This cycle is called a _____ current.

Directions: Four diagrams are shown in the table below. Label and describe each diagram in the space provided in order to complete the table.

Diagram	Type of boundary and motion at boundary	Diagram	Type of boundary and motion at boundary
6. 		8. 	
7. 		9. 