

Name: _____ Date: _____ Period: _____

Guided Reading and Study Worksheet
Convection Currents and the Mantle (1-2)

This section describes how heat is transferred from Earth's hot core through the mantle.

Introduction (page 25)

1. The movement of energy from a warmer object to a cooler object is called

_____.

2. List the three types of heat transfer.

a. _____ b. _____ c. _____

Radiation (page 25)

3. What is radiation? _____

4. What are two forms of radiation? _____

Conduction (page 26)

5. What is conduction? _____

6. What is an example of conduction? _____

Convection (pages 26-27)

7. What is convection? _____

8. Heat transfer by convection is caused by difference of _____

and density within a fluid.