



Name: _____ #: _____

Date: _____

Section: _____ HR: _____

Chapter 1 Section 2: Convection Currents and the Mantle

Introduction

What is heat transfer?

How's heat always transferred?

Explain how an ice cube would melt in your hand.

Radiation

radiation -

How does density play a role in convection?

Guide For Reading: The three types of heat transfer are:

- _____
- _____
- _____

Guide For Reading

What causes convection currents?

Convection in Earth's Mantle

Figure 10: Applying Concepts

What part of Earth's interior is like the soup in the pot?

What part is like the burner on the stove?

Describe how convection currents form in Earth's asthenosphere.
