

Name: _____

Group: _____

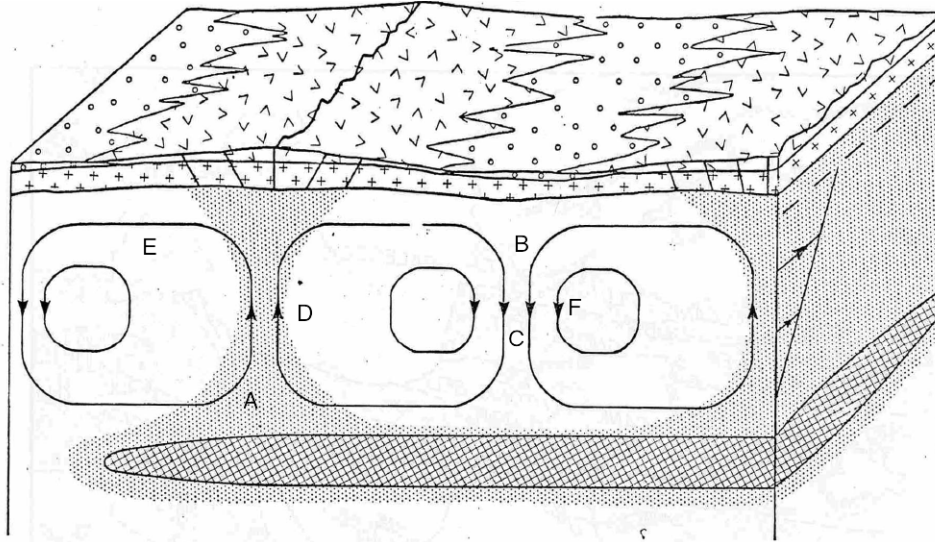
In the following diagram, which letter shows:

_____ where heat is being added

_____ where the temperature is going down

_____ where the density is greatest

_____ where a current is going up



Match the word with the definition (A–C) and type of material (D–F). Two letters will be in each blank.

_____ Conduction

A. Heat transfer in a fluid

D. Fluids

_____ Convection

B. Heat transfer through space

E. Space

_____ Radiation

C. Heat transfer by direct contact in a solid

F. Solids

In what layer of the Earth would you find the highest temperature (be specific)?

What is the **primary** cause of heating in the Earth?

Name one other way that heat has gotten produced in the Earth.

Name a layer of the Earth that is liquid and tell what it is made of.

Name a layer of the Earth that is solid and tell what it is made of.

Name a layer of the Earth that is a solid that can flow and tell what it is made of.

Define Density. Use full sentences.

Describe real life examples of all three types of heat transfer. Use full sentences.