

Review and Reinforce

Convection and the Mantle

Understanding Main Ideas

Label each picture by writing the type of heat transfer it shows.

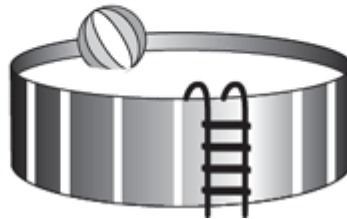
1. _____



2. _____



3. _____



Answer the following questions on a separate sheet of paper.

4. What are convection currents and what causes them?
5. What causes convection currents in Earth's mantle?

Building Vocabulary

If the statement is true, write *true*. If the statement is false, change the underlined word or words to make the statement true.

6. _____ The transfer of energy carried in rays is called convection.
7. _____ The flow that transfers heat within a fluid is called a convection current.
8. _____ Conduction is heat transfer between materials that are touching.
9. _____ Radiation is the transfer of heat by the movement of a fluid.
10. _____ Density is a measure of how much heat there is in a given volume of a substance.

