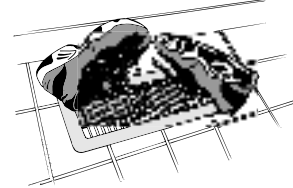
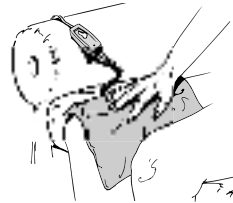
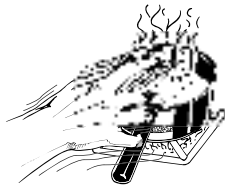
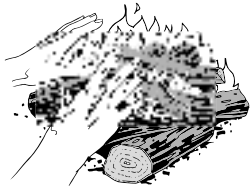


**Weather Factors** ▪ *Review and Reinforce*

# Heat Transfer

## Understanding Main Ideas

Label each picture with the type of heat transfer that it shows.



1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

Answer the following questions in the spaces provided.

- How is air temperature usually measured? \_\_\_\_\_
- At what temperature on the Celsius scale does pure water freeze? At what temperature does it boil?  
\_\_\_\_\_
- Name the three ways by which heat is transferred. \_\_\_\_\_  
\_\_\_\_\_
- How is heat transferred from the sun to Earth? \_\_\_\_\_
- Heat is moved through the troposphere mainly by \_\_\_\_\_.

## Building Vocabulary

Fill in the blank to complete each statement.

- The total energy of motion in the particles of a substance is called \_\_\_\_\_.
- \_\_\_\_\_ is the average amount of energy of motion in the particles of a substance.
- A(n) \_\_\_\_\_ is a thin glass tube with a bulb on one end that contains a liquid, usually mercury or colored alcohol.
- The energy transferred from a hotter object to a cooler one is referred to as \_\_\_\_\_.
- The direct transfer of heat from one substance to another substance that it is touching is called \_\_\_\_\_.
- The transfer of heat by the movement of a fluid is called \_\_\_\_\_.