

Skills Worksheet

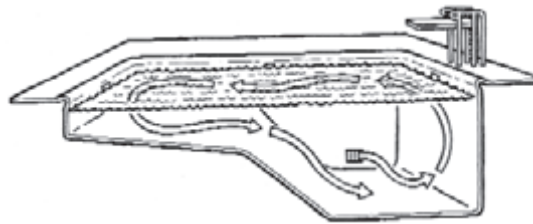
Reinforcement

Feel the Heat

Complete this worksheet after you finish reading the section "What Is Heat?"

Read each description, then look at the following figure. Beneath the description, write the method of heating that is shown or described—conduction, convection, or radiation.

1. One heater located in the deep end warms Carlos's entire swimming pool.



2. The sunlight shines directly on Janet's desk but not on Carlos's desk. Both Janet and Carlos are near the window, yet Janet feels much warmer than Carlos.



3. Carlos places a spoon in a steaming hot bowl of soup. Minutes later, the hot handle burns his fingers.



Reinforcement *continued*

4. Carlos licks a juice pop that he has just removed from the freezer. The tip of his tongue freezes and sticks to the icy-cold treat.



5. When Janet sits near the campfire, her face feels hot even though her back feels cold.



6. When Janet wins first place in the science fair competition, Carlos shakes her hand. Her hand feels cold to him.



7. Bubbles of liquid in Carlos's Lava Lamp™ are heated at the lamp's base. The bubbles then rise to the top. They fall after being cooled.

