

REVIEW AND REINFORCEMENT GUIDE
CHAPTER 1 ■ *What Is Weather?*

SECTION _____
1 - 1 Heating the Earth

(pages 12-18)

KEY CONCEPTS

▲ The atmospheric factors that interact to cause weather are heat energy, air pressure, winds, and moisture.

▲ The sun's energy that is absorbed by the Earth is spread throughout the atmosphere in three basic ways: conduction, convection, and radiation.

Building Vocabulary Skills: Fill in the Blanks

Complete each statement by filling in the correct term from this section.

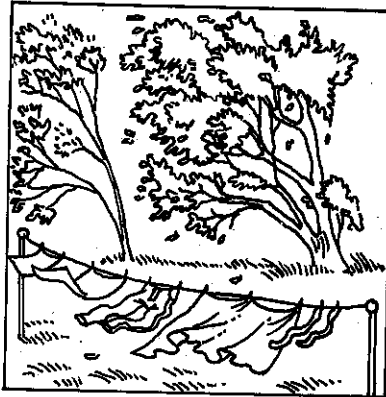
1. The process by which carbon dioxide and other gases in the atmosphere form a kind of "heat blanket" around the Earth is called the _____.
2. The direct transfer of heat energy from one substance to another is called _____.
3. The transfer of heat energy in a fluid is called _____.
4. The _____ is the mixture of gases that surrounds the Earth.
5. The transfer of heat energy through empty space is called _____.
6. A _____ is used to measure temperature.

■ Factors That Cause Weather: Understanding the Main Ideas

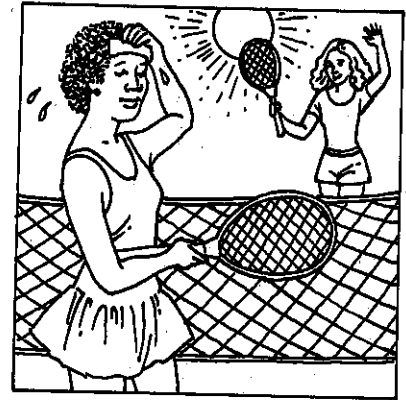
Identify the atmospheric factors that are most evident in each of the following weather conditions.



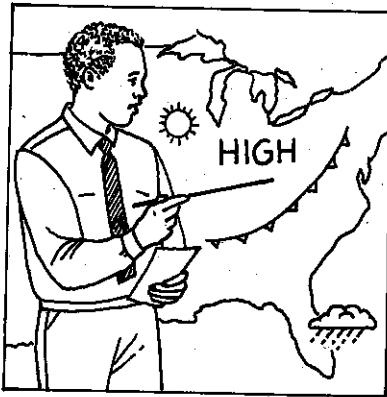
1. _____



2. _____



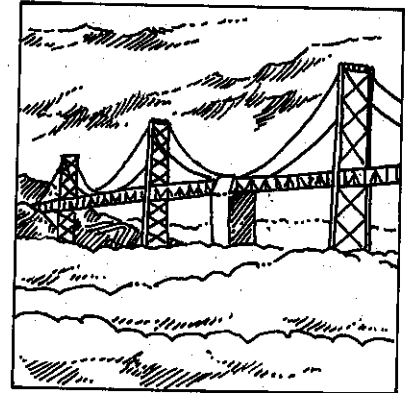
3. _____



4. _____



5. _____



6. _____