

**M O D E R N E A R T H S C I E N C E**

## Section 23.2

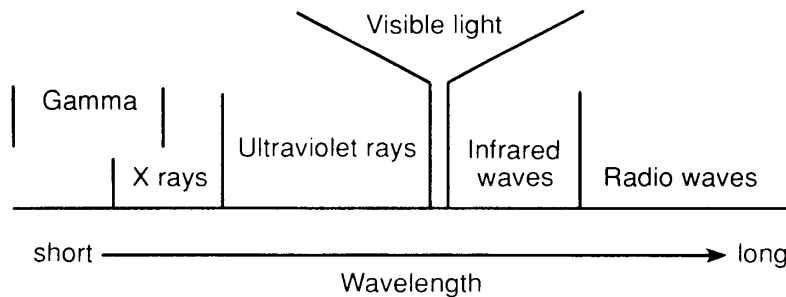
**Solar Energy and the Atmosphere**

Read each statement below. If the statement is true, write *T* in the space provided.  
If the statement is false, write *F* in the space provided.

- \_\_\_\_\_ 1. Almost all of the solar energy reaching the earth is reflected back into space.
- \_\_\_\_\_ 2. Air is a good conductor of heat.
- \_\_\_\_\_ 3. Radiation from the sun travels through space in the form of waves.
- \_\_\_\_\_ 4. Desert temperatures usually show large changes between day and night.
- \_\_\_\_\_ 5. Increases in atmospheric levels of carbon dioxide would probably cause the atmosphere to become warmer.

Complete each statement by writing the correct term or phrase in the space provided.

6. The fraction of solar radiation reflected by a surface is called the surface's \_\_\_\_\_ .
7. The sun appears red at sunset due to the process called \_\_\_\_\_ .
8. The movement of air due to uneven heating is called \_\_\_\_\_ .
9. The name of the process by which the atmosphere traps infrared rays is the \_\_\_\_\_ .



10. The entire range of radiation represented by this diagram is called the \_\_\_\_\_ .