Section 49-2 Pollution page 1052 - 1063

In each item below, decide whether the underlined term is used correctly. In the blank after each item, write “yes” if the term is used correctly. If the term is not used correctly, write the correct term.

1. Materials that remain in the environment indefinitely are called biodegradable.
2. When certain pollutants in the air combine with water vapor to produce drops of acid, the result is the greenhouse effect.
3. The ozone layer protects the Earth from harmful ultraviolet radiation from the sun.
4. Carbon dioxide and other gases in the atmosphere absorb heat energy and form a kind of heat blanket around the Earth.
5. When factories dump chemicals into rivers and streams, thermal pollution results.
6. When a pollutant is passed from one organism to another in a food chain, the concentration of the pollutant decreases in a process called biological magnification.
7. Metals, glass, plastic, and radioactive wastes are nonbiodegradable materials.
8. In a temperature inversion, a layer of cool clean air is trapped beneath a layer of warm air.

Section 49- 3 The Fate of the Earth pages 1063 - 1068

1. What is reforestation?
2. Define *endangered species?*
3. List three factors that cause species to become endangered.

Section 49 – 4 The Future of the Biosphere pages 1069 – 1071

1. What is recycling?
2. What types of items are suitable for recycling?
3. State at least two ways in which recycling helps to protect the environment.