

Skills Worksheet

Critical Thinking**ANALOGIES**

Mark the letter of the pair of terms that best completes the analogy shown. An analogy is a relationship between two pairs of words or phrases written as **a : b :: c : d**. The symbol **:** is read "is to," and the symbol **::** is read "as."

- _____ 1. attending public meetings:
local policy ::
a. globalization : privati-
zation
b. EIS : planning
c. lobbying : national policy
d. environmental problem :
global warming
- _____ 2. EPA : Clean Water Act ::
a. Department of
Agriculture : Superfund
b. U.S. Fish and Wildlife
Service : Endangered
Species Act
c. EIS : state representative
d. Nuclear Regulatory
Commission : U.S. senator
- _____ 3. Earth Day : 1970 ::
a. Kyoto Protocol : 1987
b. Montreal Protocol : 1997
c. Earth Summit : 1997
d. Kyoto Protocol : 1997
- _____ 4. DDT : Rachel Carson ::
a. lead additives : Jane
Goodall
b. Nashua River : Jacques
Cousteau
c. human population
increases : Paul Ehrlich
d. Sierra Club : Theodore
Roosevelt
- _____ 5. loopholes : regulations ::
a. environmental problems :
market failures
b. individuals : cooperation
c. CFCs : ozone layer
d. littering : recycling
- _____ 6. citizens : local
government ::
a. Clean Water Act :
unfunded mandate
b. countries : international
organizations
c. media : public opinion
d. agencies : policies
- _____ 7. MARPOL : oceans ::
a. CMS : migratory wildlife
b. CITES : transportation
c. IFCS : endangered
species
d. CBD : hazardous wastes

Critical Thinking *continued*

INTERPRETING OBSERVATIONS

Read the following passage, and answer the questions that follow.

Two people fishing in a boat about 20 km offshore noticed paper, plastic, and other types of litter floating in the water. As they headed back to shore, they passed a large trash barge. Crew members on the deck of the ship were dumping the garbage overboard.

- 8.** You are a citizen in the city whose trash was being transported by this barge. How is this scenario potentially an example of a market failure?

- 9.** Identify at least one international agreement that pertains to this problem. Be specific. Describe the agreement and how it is enforced.

- 10.** If you were one of the people on the fishing boat, what action would you take?

Critical Thinking *continued*

AGREE OR DISAGREE

Agree or disagree with the following statements, and support your answer.

- 11.** An individual is obligated to do more to preserve the environment than is required by law.

- 12.** Wealthy nations should offer poor nations economic incentives to protect the environment.

- 13.** Television is the best source of information about environmental problems.

Critical Thinking *continued*

REFINING CONCEPTS

The statements below challenge you to refine your understanding of concepts covered in the chapter. Think carefully, and answer the questions that follow.

- 14.** The United States and other highly developed nations have criticized the logging and burning of the rain forest in the Brazilian Amazon. Beyond the environmental implications—depletion of natural resources with no plan for renewal and an increase in global production of carbon dioxide—what makes this criticism controversial?

- 15.** How does the widespread study of environmental science affect government policy?

- 16.** Given that communities in the same area do not always coordinate plans, can environmental action on the local level be effective?

- 17.** Give an example of how one person has changed the course of environmental policies in the United States.
