

SECTION 1 Review

Name _____
Date _____ Per. _____

1. Explain how hunter-gatherers affected the environment in which they lived.
2. Describe the major environmental effects of the agricultural revolution and the Industrial Revolution.
3. Explain how environmental problems can be local, regional, or global. Give one example of each.
4. Identify an example of a natural source of pollution.
5. What do we mean by a sustainable world?
6. The _____ Revolution was characterized by a shift from human and animal power to fossil fuels.
7. Resources that can theoretically last forever are called _____ resources.
8. _____ is a term that describes the number and variety of species that live in an area.

CRITICAL THINKING

9. How did the Industrial Revolution affect human population growth?
10. Can biodegradable pollutants cause environmental problems? Explain your answer.

11. How could environmental concerns conflict with your desire to improve your standard of living?

Reading Skills

Think about what you did this morning. From the moment you got up, you were making decisions and acting in ways that affect the environment. The clothes you are wearing, for example, might be made of cotton.

Several years ago the fibers of cotton in your shirt might have sprouted as seedlings in Egypt or Arizona. The cotton seedlings were probably irrigated with water diverted from a nearby river or lake. Chemicals such as pesticides, herbicides, and fertilizers helped the seedlings grow into plants.

Furthermore, the metal in the machines that harvested the cotton was mined from the Earth's crust. In addition, the vehicles that brought the shirt to the store where you bought it were powered by fossil fuels. Fossil fuels came from the bodies of tiny sea creatures that lived millions of years ago.

All of these connections can make environmental science & ecology complex and interesting fields.

1. According to the passage, which of the following conclusions is true?
 - a. Decisions we make in everyday life do not affect our environment.
 - b. Cotton comes from minerals in the Earth's crust.
 - c. Many different things in the environment are connected and interrelated.
 - d. There is no connection between the resources needed to grow a field of cotton and a cotton shirt.

2. Which of the following statements best describes the meaning of the term irrigation?
 - a. Irrigation is a connection between living things in the environment.
 - b. Irrigation is the artificial process by which water is supplied to plants.
 - c. Irrigation is the process of diverting water from a stream or lake.
 - d. Irrigation is the process by which cotton seedlings grow into plants.