

Name: _____ Date: _____

Essential Question

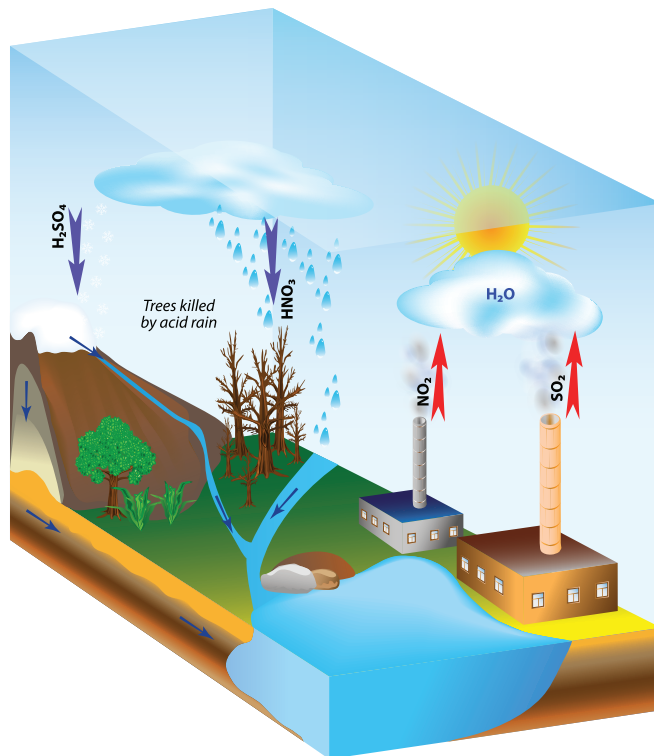
What Changes Occur in Ecosystems?

For items 1–4, fill in the blank to complete each statement correctly.

1. The widespread removal of trees from an area of land is _____.
2. Farming method that helps keep the land productive is _____.
3. Harmful substances released into Earth’s land, air, and water are called _____.
4. The drilling and injection of fluids into the land to break apart shale rock and release natural gas is called _____.

Answer questions 5–7 about the process shown in the diagram.

5. What process is shown?
_____.
6. What gas is produced by the nitrogen oxides (NO_2) and organic compounds in the air? _____
7. What positive and negative effects does this gas have on Earth and its people?
 - a. positive _____
 - b. negative _____



Answer the following questions.

8. How can fertilizer used on home lawns be a source of water pollution?

9. When making environmental decisions, what should you do next after identifying the decision that needs to be made?

Level 8