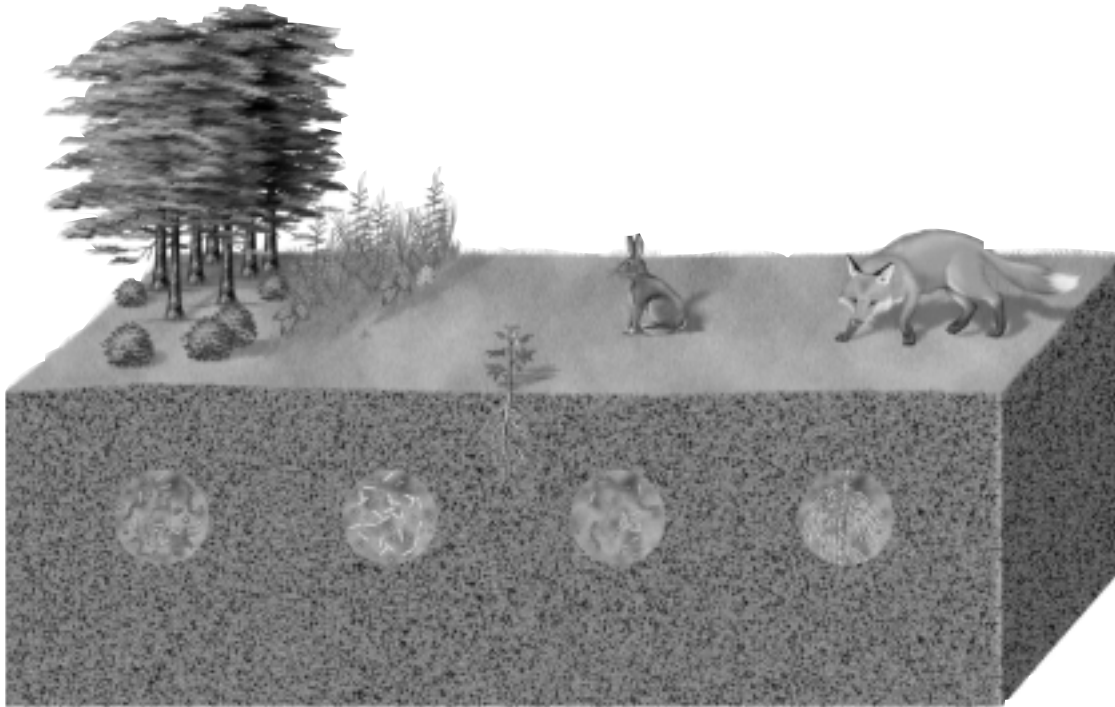


**Goal** • Review the movement of nitrogen within the nutrient cycle.

## What to Do

Answer each question in the space provided. If you need help, refer to pages 52 to 55 of your textbook.

1. Label the following diagram of the nitrogen cycle.



2. What percentage of the air around us is nitrogen?  
\_\_\_\_\_
3. (a) Describe the process of nitrogen fixation.  
\_\_\_\_\_  
\_\_\_\_\_  
(b) State an example of a nitrogen-fixing bacterium.  
\_\_\_\_\_  
\_\_\_\_\_  
(c) Where does nitrogen fixation occur?  
\_\_\_\_\_  
\_\_\_\_\_
4. How does nitrogen gas return to the environment after it is used?  
\_\_\_\_\_  
\_\_\_\_\_
5. What contribution do denitrifying bacteria make to the nitrogen cycle?  
\_\_\_\_\_  
\_\_\_\_\_