

The Atmosphere • Guided Reading and Study

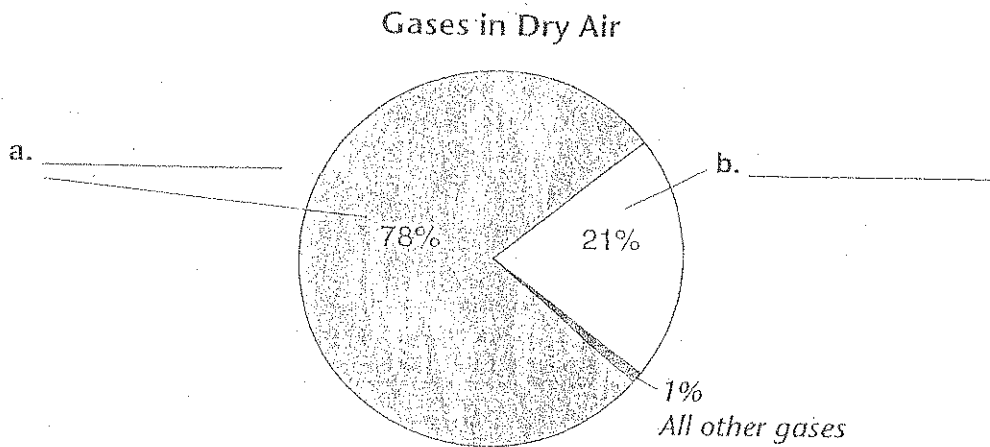
The Air Around You (continued)

Introduction

1. The condition of Earth's atmosphere at a particular time and place is called _____.
2. What is Earth's atmosphere?

Composition of the Atmosphere

3. Label the two larger pieces of the graph with the gases they represent.



- c. Use the graph to estimate how many times more nitrogen than oxygen makes up air. _____
- d. What percentage of air is made of nitrogen and oxygen together? _____
4. Circle the letter of each sentence that is true about nitrogen.
 - a. Humans do not breathe in nitrogen.
 - b. A nitrogen molecule has two nitrogen atoms.
 - c. Nitrogen is a gas.
 - d. Nitrogen makes up more of the air than any other gas.
5. Circle the letter of each sentence that is true about oxygen.
 - a. It is needed by animals but not plants.
 - b. It is needed to release energy from food.
 - c. It is released by fuels when they burn.
 - d. It may form ozone when it interacts with lightning.