Name	Class	Date
Skills Worksheet		
Active Reading	a	

## 12.1 Section: What Causes Air Pollution?

Read the passage below and answer the questions that follow.

Many industries and power plants that generate our electricity must burn fuel to get the energy they need. They usually burn fossil fuels. Burning fossil fuels releases huge quantities of sulfur dioxide and nitrogen oxide into the air. Power plants that produce electricity emit at least two-thirds of all sulfur dioxide and more than one-third of all nitrogen oxides that pollute the air.

Some industries also produce VOCs, which are chemical compounds that form toxic fumes. Some of the chemicals used in dry cleaning are sources of VOCs. Oil refineries, chemical manufacturing plants, furniture refinishers, and automobile repair shops also contribute to the VOCs in the air. When people use some of the products that contain VOCs, more VOCs are added to the air.

## **IDENTIFYING MAIN IDEAS**

One reading skill is the ability to identify the main idea of a passage. The main idea is the main focus or key idea. Frequently, a main idea is accompanied by supporting information that offers detailed facts about main ideas.

In the space provided, write the letter of the term or phrase that best completes each statement or best answers each question.

 1. What do most industries and powe	r plants use for energy?		
a. VOCs	c.sulfur dioxide		
b. nitrogen oxide	d. fossil fuels		
 2. What type of industry produces tw pollutes the air?	dustry produces two-thirds of all sulfur dioxide that		
<ul><li>a. air conditioning manufacturers</li><li>b. dry cleaners</li></ul>	c.long-distance trucking companies d.electrical power plants		
 3. Which of the following does not provide (VOCs)?	roduce volatile organic compounds		
a. organic farm	c. furniture refinisher		
b. oil refinery	d. automobile repair shop		
 4. What happens when people use a p	product that contains VOCs?		
a. They get very sick.			
b. Nothing happens.			
c. More VOCs are added to the air.			
d. The VOCs return to the atmosphere as carbon dioxide			

Name		Date			
Active Reading continued					
	•	mit nitrogen oxide and VOCs. fossil fuels.			
Read each question and write the answer in the space provided.					
6. What are VOCs?					
		. Given this information, do you e air are harmful or beneficial?			
RECOGNIZING CAUSE AI One reading skill is the abil Read each question and wri 8. Why do power plants en	ity to recognize cause te the answer in the s	pace provided.			
9. List four examples of in	dustries that can be so	ources of VOCs in the air.			
10. What percentage of poll	utants do electrical po	ower plants emit into the air?			
11. What can you do to help	reduce the amount of	f VOCs in the air?			