

# Human Impact on Resources

## 3 Human Impact on Air Resources

### REVIEW VOCABULARY

greenhouse effect  
global climate change

Recall the definition of the Review Vocabulary term.

greenhouse effect

global climate change

### NEW VOCABULARY

photochemical smog  
ozone hole  
acid precipitation

Use your book to define each term.

photochemical smog

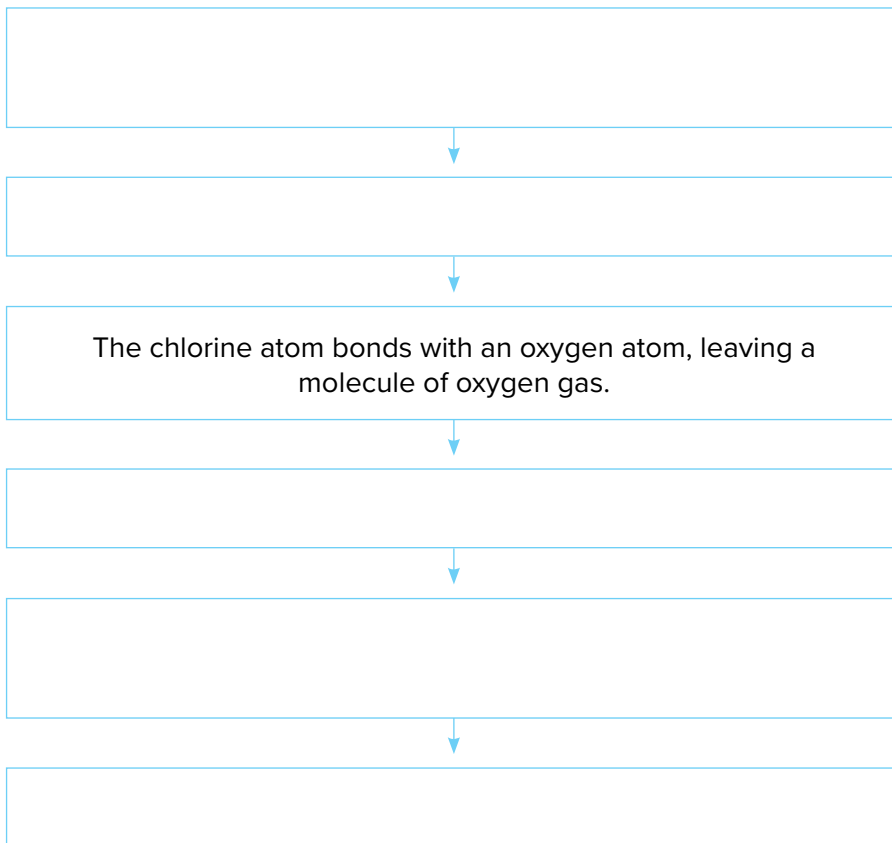
ozone hole

acid precipitation

### 3 Human Impact on Air Resources (continued)

**Draw** and label a diagram that shows how photochemical smog forms.

**Sequence** the order of reactions that occur as CFCs cause ozone depletion. One of the steps has been completed for you.



### 3 Human Impact on Air Resources (continued)

**Organize** the causes and effects of acid precipitation.

Causes of Acid Precipitation	Effects of Acid Precipitation

**Get It? Explain** how acid precipitation forms.

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**Explain** how the greenhouse effect and global climate change are related.

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**Get It? Identify** ways climate change affects oceans.

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### 3 Human Impact on Air Resources (continued)

#### CHECK YOUR PROGRESS

1. **Name** two forms of pollutants found in air. What are some of the sources of these pollutants?

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2. **Describe** how CFCs cause ozone depletion.

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3. **List** some of the causes and effects of acid precipitation on ecosystems.

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4. **Relate** human activities to climate change and the greenhouse effect.

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5. **Argue** Make an argument that air is a natural resource that needs to be managed responsibly.

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6. If carbon monoxide emissions were reduced from 102 to 87 million metric tons in one year, what would be the percent decrease?

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