

Name _____

How Volcanoes and Natural Processes Affect the Ozone Layer

Multiple Choice Questions

1. What does the ozone layer do for life on Earth?
 - A. Helps plants grow faster
 - B. Blocks harmful ultraviolet rays
 - C. Traps warm air in the atmosphere
 - D. Creates clouds and rain

2. What gas do volcanoes release that affects the ozone layer?
 - A. Oxygen
 - B. Carbon dioxide
 - C. Hydrogen
 - D. Sulfur dioxide

3. How do volcanic aerosols affect the ozone layer?
 - A. They block sunlight completely
 - B. They help chlorine destroy ozone faster
 - C. They turn into rain clouds
 - D. They create more ozone

4. What happened after the eruption of Mount Pinatubo?
 - A. Ozone levels stayed the same
 - B. Ozone levels rose quickly
 - C. Ozone levels dropped for a short time
 - D. The volcano stopped releasing gases

5. What is one way scientists are helping protect the ozone layer?
 - A. Studying natural and human causes of ozone damage
 - B. Sending rockets into space
 - C. Building taller buildings
 - D. Using more spray cans

