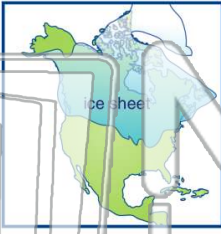





Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 Which of the following **theories** is not used to explain the phenomenon of **ice ages**?



A the Milankovitch theory  
B plate tectonics  
C the Big Bang theory  
D volcanic eruptions

2 How might explosive **volcanic eruptions** lead to an ice age?



A Volcanic eruptions release heat, thereby cooling the earth's crust.  
B Volcanic ash is known to raise the freezing temperature of water.  
C Volcanic eruptions shake the earth off of its natural path around the sun.  
D Volcanic ash suspended in the atmosphere blocks out solar radiation and leads to lower temperatures.

3 One theory of glacial periods hypothesizes that a single landmass called **Pangaea** was positioned near the South Pole where large sheets of ice moved over the land. **When Pangaea broke apart**,


4 Global warming is the **rise** of average **temperatures** across the globe. Some evidence suggests that it is caused by \_\_\_\_\_.



**PREVIEW**


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7 \_\_\_\_\_ levels to rise?



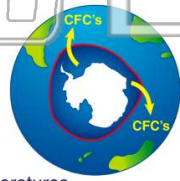
A global heat would cause increased evaporation and then increased rainfall  
B trees and plants would die, so water they would've absorbed would run into the oceans  
C increased global temperatures would cause the polar ice caps to melt thereby adding water to the oceans  
D all of the above

atmosphere. This layer is composed of molecules that are made up of three oxygen atoms each. This protective layer is called the \_\_\_\_\_.



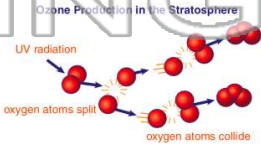
A greenhouse layer  
B ozone layer  
C stratosphere  
D troposphere

9 In the 1970s, scientists determined that chemicals called chlorofluorocarbons (CFCs) were destroying and literally leaving a **hole in the ozone** layer, leading to \_\_\_\_\_.



A an increase in global temperatures  
B a decrease in global temperatures  
C air pollution-related illnesses like asthma  
D an increase in ultraviolet radiation from the sun

10 **Ozone** is made up of \_\_\_\_\_.

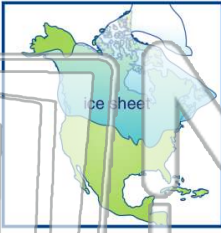


A one molecule of carbon and two molecules of oxygen  
B one molecule of carbon and one molecule of oxygen  
C two molecules of oxygen  
D three molecules of oxygen




Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

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5



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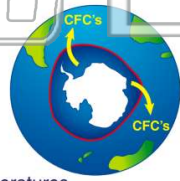
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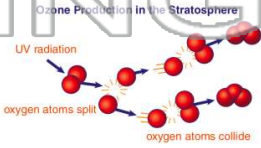
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