

**Chapter 16**

Use with Section 3

**REINFORCEMENT****• Climatic Changes**

Write a caption for the illustration labeling the season in the northern and southern hemisphere. Then answer the following questions on the lines provided.



1. \_\_\_\_\_
2. Where are the seasonal variations of temperature and day length greatest? Least? \_\_\_\_\_  
\_\_\_\_\_
3. What are the effects of El Niño? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
4. How do scientists know what Earth's climate was like in earlier geologic eras? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
5. What are some possible causes for climatic changes in the past? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
6. What is the greenhouse effect? \_\_\_\_\_
7. What is global warming? \_\_\_\_\_  
\_\_\_\_\_
8. How does the greenhouse effect influence Earth? \_\_\_\_\_  
\_\_\_\_\_
9. How might global warming affect Earth? \_\_\_\_\_  
\_\_\_\_\_