

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

## Global Warming

**Directions:** Read each sentence. Then circle the letter next to the answer that completes the sentence.

1. Global warming will change climates by \_\_\_\_\_.
  - a. making weather warmer all the time, everywhere
  - b. making average worldwide temperatures rise
  - c. making weather warmer only near the poles
  - d. making weather warmer only near the equator
  
2. In the greenhouse effect, Earth's atmosphere is warmed by \_\_\_\_\_.
  - a. the angle of the Sun's rays
  - b. a glass-like layer at the top of the atmosphere
  - c. solar energy trapped by certain gases
  - d. heat produced by power plants
  
3. The greenhouse effect \_\_\_\_\_.
  - a. is mainly bad for life on Earth
  - b. is mainly good for life on Earth
  - c. always keeps Earth at the same temperature
  - d. is not believed by many scientists
  
4. Coral reefs, one of the most diverse ecosystems on Earth, are \_\_\_\_\_.
  - a. in danger because of global warming
  - b. growing quickly because of global warming
  - c. unaffected by global warming
  - d. contributing to global warming
  
5. Worldwide burning of rain forests \_\_\_\_\_.
  - a. is helping to slow global warming
  - b. does not affect global warming
  - c. adds to global warming
  - d. may or may not affect global warming, but no one knows
  
6. Global warming may affect the South Pacific by \_\_\_\_\_.
  - a. adding many more small islands
  - b. increasing volcanic activity along the Ring of Fire
  - c. forcing people to move from inland to island shores
  - d. submerging low-lying islands as the sea level rises

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

### Global Warming (continued)

7. Global warming will affect \_\_\_\_\_.
  - a. mainly forests
  - b. mainly farmland
  - c. mainly the oceans
  - d. the entire world
  
8. Earth's climate has \_\_\_\_\_.
  - a. never been as warm as it will get in the next few decades
  - b. generally been warmer than it is now
  - c. gone through cycles of warming and cooling
  - d. generally stayed at about the same temperatures
  
9. Scientists predict that global warming will \_\_\_\_\_.
  - a. melt glaciers and cause the sea level to rise
  - b. increase rates of heat-related health problems
  - c. cause more frequent and more violent storms
  - d. all of the above
  
10. \_\_\_\_\_ can help slow global warming.
  - a. Using less electricity and driving less
  - b. Buying things made of plastic instead of metal
  - c. Eating meat instead of vegetables
  - d. Nothing we can do