

# Imagine Tomorrow



## Climate quiz

1. Fossil fuels include which of the following? (Circle all that apply.)
  - a. Methane
  - b. Petroleum
  - c. Coal
  - d. Natural gas
  - e. All of the above
2. Burning fossil fuels releases what climate-warming chemical compound into the atmosphere?
  - a. H<sub>2</sub>O
  - b. CO<sub>2</sub>
  - c. NaCl
  - d. HCl
3. How much atmospheric carbon dioxide does human activity produce in a year?
  - a. 1 million tons
  - b. 10 million tons
  - c. 100 million tons
  - d. 10 billion tons
4. What industry's carbon emissions represent the largest factor in the U.S. contribution to climate change?
  - a. Automotive industry
  - b. Agricultural industry
  - c. Electric power industry
  - d. Aeronautic industry
5. How much has the Earth warmed above pre-industrial levels as a result of humans' carbon output?
  - a. 1.2 degrees Fahrenheit
  - b. 1.4 degrees Fahrenheit
  - c. 2.4 degrees Fahrenheit
  - d. 4.2 degrees Fahrenheit
6. Which of the following is a condition caused by atmospheric carbon—and a condition that will prevent global warming from stopping immediately if carbon emissions cease?
  - a. Deep-sea warming
  - b. Carbon sequestration
  - c. Deep-space warming
  - d. Carbon dating
7. Which of the following are consequences of global warming? (Circle all that apply.)
  - a. Extreme weather
  - b. Melting glaciers
  - c. Forcing of animals and plants from their habitat
  - d. Spread of disease
  - e. All of the above

Answers: 1-e; 2-b; 3-d; 4-c; 5-b; 6-a; 7-e