

1. What do cars, power plants and furnaces have in common?

- A. They all burn gasoline
- B. They all burn coal
- C. They all burn wood
- D. They all burn fossil fuels

2. Which would probably be the most effective way to reduce the amount of methane released into the atmosphere?

- A. Reducing the amount of gasoline we use
- B. Making sure to prevent forest fires
- C. Reducing the number of cows we raise for meat
- D. Reducing the amount of electricity we use

3. Which of these situations is commonly caused by acid rain?

- A. People being poisoned by drinking water
- B. Fish and birds in freshwater habitats dying off
- C. People receiving acid burns on their skin
- D. Whales and dolphins dying off in the oceans

4. The ozone layer blocks deleterious UV radiation. What does "deleterious" mean?

- A. Life-sustaining
- B. Harmful
- C. Environmentally friendly
- D. Invisible

5. What can you infer from the fact that smog mainly affects cities?



- A. People foolishly built cities in areas with heavy smog
- B. Air pollution never affects rural areas
- C. People in cities drive more often than people in rural areas
- D. Air pollution is most serious in areas with many homes, factories, and offices

6. How can insulating your home prevent air pollution?

- A. Insulation blocks out harmful gases and smog
- B. Insulation reduces the amount of energy you need to burn to heat and cool your house
- C. Insulation prevents your furnace from releasing harmful gases into the atmosphere
- D. Insulation collects solar energy, a non-polluting form of energy

7. Which of the following is a true statement about ozone?

- A. It's always helpful
- B. It's always harmful
- C. It's helpful when it's located in the upper atmosphere, but harmful when people breathe it
- D. It's harmful when it's located in the upper atmosphere, but helpful when people breathe it

8. What is one difference between smog and acid rain?

- A. Smog makes it difficult to breathe; acid rain wipes out natural habitats
- B. Smog is caused by burning fossil fuels; acid rain is caused by cow burps
- C. Scientists agree that smog is caused by humans, but disagree over the cause of acid rain
- D. Smog only affects cities; acid rain only affects rural areas

9. Which of these is an opinion about air pollution?

- A. It's the biggest threat that humans face
- B. It can be caused by burning fossil fuels
- C. Not all air pollution comes from man-made sources
- D. Humans can take steps to decrease the amount of pollution they release into the air

10. What is most likely to happen if we don't reduce the amount of harmful gases we put into the atmosphere?

- A. Respiratory diseases in humans will increase
- B. The rate of global climate change might decelerate
- C. Many new animal and plant species will evolve
- D. Fossil fuels will rapidly become more abundant