

Natural Gas: Safety & Science

Pre/Post Test

Directions: Circle the correct answer.

1. Which one of these appliances cannot run on natural gas?
a) furnace b) water heater c) computer d) clothes dryer
2. What should you do if you think there is a natural gas leak in your home?
a) turn on a light c) tell an adult
b) stay inside d) use a match to locate the leak
3. Natural gas is formed from
a) ancient plants and tiny sea animals that become buried c) mixing water and dirt
b) heat and pressure beneath the earth d) both a and c
4. A chemical is added to natural gas. This chemical makes a gas leak smell like
a) dirt b) rubber c) sulfur or rotten eggs d) peppermint
5. Leaks from natural gas pipelines are
a) usually not dangerous c) very common
b) rare and can be a fire hazard d) not something we need to address
6. A natural gas pipeline leak can be recognized by
a) continuous bubbling in a pond or creek c) a hissing, whistling, or roaring sound
b) dirt spraying or blowing into the air d) a, b, and c
7. When planning a digging project, for safety you should
a) move any underground pipes that are in the way c) notify your neighbors
b) call 811 several days beforehand d) call 911
8. Which of these things are safe to do?
a) hang from natural gas pipes c) store flammable liquids by your gas water heater
b) keep toys away from gas appliances d) play with oven knobs
9. Carbon monoxide (CO) can be
a) heard b) seen c) smelled d) detected by a CO alarm
10. Which of the following is true about natural gas?
a) it can expand to fill up a room b) it is invisible
c) it has a fixed volume and shape d) both a and b

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Answer Key

Information that relates to each question can be found on the pages listed below.

1. c) computer. Page 3
2. c) tell an adult. Page 4
3. a) ancient plants and tiny sea animals that become buried. Page 5
4. c) sulfur or rotten eggs. Page 7
5. b) rare and can be a fire hazard. Page 8
6. d) a, b, and c. Page 8
7. b) call 811 several days beforehand. Page 9
8. b) keep toys away from gas appliances. Page 10
9. d) detected by a CO alarm. Page 11
10. c) both a and b. Pages 6 and 12