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## Electrical & Natural Gas Safety World

### Pre/Post Test

Directions: Circle the one correct answer.

1. Electricity flows in a closed path called
  - a) a route
  - b) a circuit
  - c) an electrical panel
  - d) an outlet
2. Which of these correctly describes the path electricity takes to get from power lines to homes?
  - a) service wires, transformer, power lines, electrical panel
  - b) transformer, service wires, electrical panel, power lines
  - c) power lines, transformer, service wires, electrical panel
  - d) electrical panel, power lines, transformer, service wires
3. An example of a good conductor of electricity is
  - a) wood
  - b) rubber
  - c) glass
  - d) water
4. An example of an insulator that does not allow electricity to flow easily through it is
  - a) specially tested rubber gloves
  - b) copper wire
  - c) an aluminum ladder
  - d) a silver fork
5. While in your house during an electrical storm, which is the safest thing to do?
  - a) take a bath
  - b) talk on the telephone
  - c) email your friend
  - d) read a book
6. Electricity is always looking for the easiest path to the
  - a) sky
  - b) ground
  - c) building
  - d) cloud
7. What should you not do if you see a fallen power line?
  - a) stay far away
  - b) call 911 to report the fallen line
  - c) touch it
  - d) warn others to stay away
8. Why is it important to call the underground utility locator service at 811 before starting a digging project?
  - a) to avoid hitting buried gas pipelines and other utilities
  - b) to find out what to do with the dirt
  - c) to ask what equipment to use
  - d) to get a map from them
9. Which of these is not a safe thing to do if you smell natural gas?
  - a) get everyone out of the house
  - b) tell an adult
  - c) light a candle or use a flashlight
  - d) call 911 and the gas utility from a safe location
10. Which of the following is not a sign of an outdoor gas pipeline leak?
  - a) a cracked sidewalk
  - b) dirt spraying or blowing into the air
  - c) a smell of rotten eggs
  - d) continual bubbling in water

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### **Pre/Post Test Answer Key**

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

1. b) a circuit. Page 6
- c) power lines, transformer, service wires, electrical panel. Page 6
- d) water. Page 8
- a) specially tested rubber gloves. Page 8
- d) read a book. Page 9
- b) ground. Page 10
- c) touch it. Page 11
- a) to avoid hitting buried gas pipelines and other utilities. Page 14
- c) light a candle or use a flashlight. Page 15
- a) a cracked sidewalk. Page 15