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## Electrical & Natural Gas Safety World

### Pre/Post Test

Directions: Circle the one correct answer.

- Electricity flows in a closed path called
  - a route
  - a circuit
  - an electrical panel
  - an outlet
- Which of these correctly describes the path electricity takes to get from power lines to homes?
  - service wires, transformer, power lines, electrical panel
  - transformer, service wires, electrical panel, power lines
  - power lines, transformer, service wires, electrical panel
  - electrical panel, power lines, transformer, service wires
- An example of a good conductor that allows electricity to flow through it is
  - rubber
  - glass
  - water
  - fire
- An example of an insulator that does not allow electricity to flow easily through it is
  - specially tested rubber gloves
  - copper wire
  - an aluminum ladder
  - a silver fork
- While in your house during an electrical storm, which is the safest thing to do?
  - take a bath
  - play video games on a plugged-in computer
  - wash dishes in the sink
  - read a book
- Electricity is always looking for the easiest path to the
  - sky
  - ground
  - building
  - cloud
- What should you not do if you see a fallen power line?
  - stay far away
  - call 911 to report the fallen line
  - touch it
  - warn others to stay away
- Why is it important to call the underground utility locator service at 811 before starting a digging project?
  - to avoid hitting buried gas pipelines and other utilities
  - to find out what to do with the dirt
  - to ask what equipment to use
  - to get a map from them
- Which of these is not a safe thing to do if you smell natural gas?
  - get everyone out of the house
  - tell an adult
  - light a candle or use a flashlight
  - call 911 and the gas utility from a safe location
- Which of the following is not a sign of an outdoor gas pipeline leak?
  - a cracked sidewalk
  - dirt spraying or blowing into the air
  - a smell of rotten eggs
  - continuous 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
2. c) power lines, transformer, service wires, electrical panel. Page 6
3. c) water. Page 8
4. a) specially tested rubber gloves. Page 8
5. d) read a book. Page 9
6. b) ground. Page 10
7. c) touch it. Page 11
8. a) to avoid hitting buried gas pipelines and other utilities. Page 14
9. c) light a candle or use a flashlight. Page 15
10. a) a cracked sidewalk. Page 15