

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 from a hole in the ground
 - c) a distinct, sulfur-like odor
 - d) continuous bubbling in water

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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. d) 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