



Electrical Safety World

Pre/Post Test

Directions: Circle the 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 that allows electricity to flow through it is
 - a) rubber
 - b) glass
 - c) water
 - d) fire
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) wash dishes in the sink
 - c) play video games on a plugged-in computer
 - d) read a book
6. Electricity is always looking for the easiest path to the
 - a) sky
 - b) ground
 - c) house
 - d) school
7. What should you not do if you see a fallen power line?
 - a) stay far away
 - b) touch it
 - c) call 911 to report the fallen line
 - d) warn others to stay away
8. Why can most birds stand on power lines and not get shocked?
 - a) they don't give electricity a path to the ground
 - b) they are just lucky
 - c) their feathers are nonconductive
 - d) they don't have enough water in their bodies
9. Why is it important to call the underground utility locator service at 811 before starting a digging project?
 - a) to avoid hitting buried electric lines
 - b) to find out what to do with the dirt
 - c) to ask what size shovel to use
 - d) to get a map from them
10. Which of these is not a safe thing to do if someone is being shocked by electricity?
 - a) tell an adult to turn off main power to the house
 - b) call 911 for help
 - c) stay away from the person
 - d) touch the person

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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. b) touch it. Page 11.
8. a) they don't give electricity a path to the ground. Page 13.
9. a) to avoid hitting buried electric lines. Page 14.
10. d) touch the person. Page 15.