



## Electrical Safety World

### Pre/Post Test

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