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## Electrical Safety World

### Pre/Post Test

Directions: Circle the correct answer.

- Electricity flows in a closed path called  
a) a route                      b) a circuit                      c) an electrical panel    d) an outlet
- 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
- An example of a good conductor that allows electricity to flow through it is  
a) rubber                      b) glass                      c) water                      d) fire
- An example of an insulator that does not allow electricity to flow easily through it is  
a) specially tested rubber gloves                      c) an aluminum ladder  
b) copper wire                      d) a silver fork
- While in your house during an electrical storm, which is the safest thing to do?  
a) take a bath    b) email your friend    c) talk on the telephone    d) read a book
- Electricity is always looking for the easiest path to the  
a) sky                      b) ground                      c) house                      d) school
- 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
- Why is it important to call the underground utility locator service before starting a digging project?  
a) to avoid hitting buried electric lines                      c) to ask what size shovel to use  
b) to find out what to do with the dirt                      d) to get a map from them
- Why can most birds stand on power lines and not get shocked?  
a) they don't give electricity a path to the ground    c) their feathers are nonconductive  
b) they are just lucky                      d) they don't have enough water in their bodies

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 the main power to the house
  - b) call 911 for help
  - c) stay away from the person
  - d) touch the person

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