



## The Shocking Truth About Electrical Safety

### Pre/Post Test

Directions: Circle the one correct answer.

1. What is the name of the path that electricity travels?  
a) conductor                      b) current                      c) circuit                      d) volt
2. A material that electricity can flow through easily is called  
a) an insulator                      b) a conductor                      c) an outlet                      d) a path
3. The pressure of electric current is measured in  
a) amps                      b) inches                      c) yards                      d) volts
4. Electricity always takes the easiest  
a) insulator                      b) path to the ground                      c) way out                      d) light
5. A ground fault circuit interrupter (GFCI) monitors the flow of  
a) gas                      b) water                      c) air                      d) electricity
6. What measures the amount of work done by electrical power?  
a) watt                      b) volt                      c) circuit                      d) amp
7. What do substations do?  
a) raise electricity's voltage                      c) lower electricity's voltage  
b) sell generators                      d) make utility poles
8. Always assume that downed power lines are  
a) being fixed                      c) okay to touch  
b) carrying electricity and unsafe                      d) not live
9. What should you not do if you see an electrical fire?  
a) telephone for help from a safe location  
b) tell an adult about the fire  
c) put the fire out with water  
d) have an adult use a proper chemical extinguisher
10. If someone is being shocked by electricity what should you not do?  
a) tell an adult to turn off the power at the fuse box or circuit breaker  
b) call 911 for help  
c) if victim is not in contact with electricity have an adult give CPR  
d) grab the person and pull them away from the electricity

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## **Pre/Post Test Answer Key**

Information that relates to each question can be found on the pages listed below.

1. c) circuit. Page 2
2. b) a conductor. Page 3
3. d) volts. Page 4
4. b) path to the ground. Page 5
5. d) electricity. Page 6
6. a) watt. Page 8
7. c) lower electricity's voltage. Page 9
8. b) carrying electricity and unsafe. Page 12
9. c) put the fire out with water. Page 13
10. d) grab the person and pull them away from the electricity. Page 14