



Don't Get Zapped! Electricity & Natural Gas

Pre/Post Test

Directions: Circle the one correct answer.

1. What does a defibrillator do?
a) stops people from lying
b) untangles wool
c) uses electricity to restart a stopped heart
d) scales fish
2. Why is it important to call your utility locator service (at 811) before digging in the ground near your home?
a) to avoid hitting buried power lines and gas pipelines
b) to ask what equipment to use
c) to find out what to do with the dirt
d) to get a treasure map from them
3. When you work or play outdoors, be sure to keep yourself and your tools at least _____ feet away from all overhead power lines.
a) 25
b) 5
c) 10
d) 3
4. If you see a power line that has fallen, what should you do?
a) ignore it
b) pick it up
c) keep it a secret
d) stay away and report it to the utility
5. 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
c) a smell of sulfur or rotten eggs
d) continual bubbling in water
6. If you smell a natural gas leak, get everyone out of the house. Don't use a light switch, candle, flashlight, or telephone because a spark might cause the gas to
a) ignite
b) get away
c) smell worse
d) dissolve
7. Because electricity travels easily through water, use only _____-powered radios near the bathtub or swimming pool.
a) cord
b) super
c) watts
d) battery
8. In order to flow, electricity must travel on a continuous path or loop called a _____.
a) circuit
b) conductor
c) path
d) volt
9. How does a ground fault circuit interrupter (GFCI) protect people?
a) when another caller is waiting on the line, the GFCI interrupts your phone call
b) when there is trouble, the GFCI automatically calls the utility company
c) if electricity is leaving a circuit, the GFCI quickly shuts off the power
d) it extinguishes fires
10. If you see lightning or hear thunder and can't get indoors, you are safest
a) under a tree
b) swimming in a lake
c) in a hardtop car
d) out in the open



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Answer Key

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

1. c) uses electricity to restart a stopped heart. Page 3
2. a) to avoid hitting buried power lines and gas pipelines. Page 5
3. c) 10. Page 5
4. d) stay away and report it to the local electric utility. Page 5
5. a) a cracked sidewalk. Page 7
6. a) ignite. Page 7
7. d) battery. Page 8
8. a) circuit. Page 10
9. c) if electricity is leaving a circuit, the GFCI quickly shuts off the power. Page 10
10. c) in a hardtop car Page 14