



Zap! Play It Safe Around Electricity, Water & Natural Gas

Pre/Post Test

Directions: Circle the correct answer.

1. True or false: A fallen power line can shock you even if it is not sparking or humming.
a) true b) false
2. Electricity is made up of
a) air bubbles b) electrons c) dirt d) sulfur
3. Which of these is not a safe thing to do if you smell gas and an adult is not home?
a) get everyone out of the house c) go to a safe location
b) light a candle d) report the leak to 911 and the local gas utility
4. Why is it important to call the underground utility locator service (at 811) before a digging project?
a) to avoid hitting buried gas pipelines and other utilities c) to ask what equipment to use
b) to find out what to do with the dirt d) to get them to dig for you
5. A chemical with an odor is added to natural gas to help people recognize a gas leak. What does this chemical smell like?
a) bananas b) cinnamon c) chocolate d) sulfur or rotten eggs
6. Which of the following is not a sign of an outdoor gas pipeline leak?
a) a bumpy sidewalk c) a smell of sulfur or rotten eggs
b) dirt spraying or blowing into the air d) continual bubbling in water
7. To prevent serious injury, a ground fault circuit interrupter (GFCI) stops the flow of
a) gas b) electricity c) air d) water
8. You could be shocked by electricity if you
a) use electrical appliances with wet hands b) climb trees near power lines
c) touch a fallen power line d) any of the above
9. How can you stay safe while enjoying water sports in PG&E reservoirs?
a) wear a Coast Guard-approved life jacket in and around water at all times
b) swim only in marked areas with adult supervision
c) check the water temperature before you go in
d) a, b, and c
10. Which of the following can happen when trees grow too close to power lines?
a) fires, power outages and shock hazards c) lightning strikes
b) power surges d) none of the above

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Answer Key

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

1. a) true. Page 7
2. b) electrons. Page 8
3. b) light a candle. Page 9
4. a) to avoid hitting buried gas pipelines and other utilities. Page 8
5. d) sulfur or rotten eggs. Page 9
6. a) a bumpy sidewalk. Page 9
7. b) electricity. Page 12
8. d) any of the above. Pages 7, 11, and 16 (back cover)
9. d) a, b and c. Page 4
10. a) fires, power outages and shock hazards. Page 16 (back cover)