



Zap! Play It Safe Around Electricity & 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 gas company
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. This chemical, which smells like sulfur or rotten eggs, is added to natural gas so you know if there is a gas leak.
a) asbestos b) chlorine c) magnesium d) mercaptan
6. Which of the following is not a sign of an outdoor gas pipeline leak?
a) a cracked sidewalk c) a smell of sulfur or rotten eggs
b) dirt spraying or blowing into the air d) continuous bubbling in water
7. What percent of the human body is made up of water?
a) 25 b) 50 c) 60-70% d) 90
8. To prevent serious injury, a ground fault circuit interrupter (GFCI) stops the flow of
a) gas b) electricity c) air d) water
9. You could be shocked by electricity if you
a) contact a bare wire
b) use a faulty appliance
c) touch a fallen power line
d) any of the above
10. Which of these is a safe thing to do?
a) use GFCI outlets near water
b) overload outlets
c) use appliances that have worn or frayed wires
d) pile up things near electric or gas heaters

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Answer Key

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

1. a) true. Page 5
2. b) electrons. Page 6
3. b) light a candle. Page 7
4. a) to avoid hitting buried gas pipelines and other utilities. Page 6
5. d) mercaptan. Page 7
6. a) a cracked sidewalk. Page 7
7. c) 60. Page 8
8. b) electricity. Page 10
9. d) any of the above. Page 11
10. a) use GFCI outlets near water. Page 12