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101 - Residential Voltage - Chapter 1

Answers

1. The U.S. standard line to neutral voltage is?
 - a) 110V
 - b) 115V
 - c) 120V
 - d) 125V
2. The U.S. standard line to line voltage is?
 - a) 220V
 - b) 230V
 - c) 240V
 - d) 250V
3. In the U.S., utility companies are required to provide a split-phase 220V feed to residential customers?
 - a) True
 - b) False (240V)
4. The neutral wire is _____ used in a 240V circuit?
 - A) Always
 - B) Not
 - C) Sometimes
 - D) Often



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5. 5V & 118V are often seen on products because?
 - a) They are the most common voltages
 - b) They are in the middle of the specified range
 - c) The electric utility companies require it
 - d) They are the standard voltages

6. 110V is a legacy term left over from the past?
 - a) True
 - b) False

7. Equipment is normally designed to run on 115V plus or minus 5%?
 - a) True
 - b) False (10%)

8. Under standard conditions electrical utilities deliver electricity at 120V plus or minus 5%?
 - a) True
 - b) False

9. Voltage can drop down to 110V at the end of a long extension cord run?
 - a) True
 - b) False

10. Equipment ratings of 110V or 115V tell you that it is tested to?
 - a) Only operate at these ratings
 - b) Can operate down to these ratings
 - c) Will not operate at these ratings
 - d) Should be operated at these ratings

