

Automotive Technology 7th Edition
Chapter 39: Circuit Testers and Digital Meters
Matching Quiz

Name: _____ Date: _____

Matching: Choose the item in column 2 that best matches each item in column 1.

- | | | |
|-----------------------------|---|-----------|
| 1. Fused Jumper Wire | A. A meter reading that means "out of limits" or "overload." | 1. _____ |
| 2. Test Light | B. A device used to check if a circuit is open, shorted to voltage, or shorted to ground. | 2. _____ |
| 3. Logic Probe | C. The numerical precision of a meter's display. | 3. _____ |
| 4. Digital Multimeter (DMM) | D. A digital meter reading where "0.93k Ω " means 930 ohms. | 4. _____ |
| 5. Inductive Ammeter | E. Used to check a circuit by bypassing a switch or providing power/ground. | 5. _____ |
| 6. Diode Check Setting | F. A common type of digital multimeter that uses a clamp to measure current. | 6. _____ |
| 7. OL (Overload) | G. This setting on a DMM will show a voltage drop across a diode. | 7. _____ |
| 8. Kilohms (k Ω) | H. A type of test light that typically has three LEDs to indicate circuit status. | 8. _____ |
| 9. Millivolts (mV) | I. If a meter set to this scale reads "432", it indicates 0.432 volts. | 9. _____ |
| 10. Meter Resolution | J. An instrument used to measure voltage, current, and resistance. | 10. _____ |

Automotive Technology 7th Edition
Chapter 39: Circuit Testers and Digital Meters
Matching Quiz
Answer Key

Answer Key:

1. E
2. B
3. H
4. J
5. F
6. G
7. A
8. D
9. I
10. C