

Automotive Technology 7th Edition
Chapter 36: Electrical Fundamentals
Matching Quiz

Name: _____

Date: _____

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

- | | | |
|---------------------|---|-----------|
| 1. Atom | A. Creating electricity by exerting force on a crystal | 1. _____ |
| 2. Proton | B. A unit of electrical pressure | 2. _____ |
| 3. Electron | C. A substance that does not easily conduct electricity | 3. _____ |
| 4. Conductor | D. A two-wire variable resistor | 4. _____ |
| 5. Insulator | E. This unit of electricity does the work in a circuit | 5. _____ |
| 6. Piezoelectricity | F. A positively charged particle in the nucleus | 6. _____ |
| 7. Volt | G. The smallest particle of an element that retains its chemical properties | 7. _____ |
| 8. Ampere | H. A negatively charged particle that orbits the nucleus | 8. _____ |
| 9. Rheostat | I. A substance that allows electrons to flow easily | 9. _____ |
| 10. Potentiometer | J. A three-wire variable resistor often used in sensors like the throttle position sensor | 10. _____ |

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Answer Key

Answer Key:

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