

Automotive Technology 7th Edition
Chapter 67: Gasoline, Alternative Fuels, and Diesel Fuels
Matching Quiz

Name: _____ Date: _____

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

- | | | |
|-------------------------------|--|-----------|
| 1. Volatility | A. The least accurate method of blending ethanol with gasoline. | 1. _____ |
| 2. Stoichiometric Ratio | B. A fuel blend of 85% ethanol and 15% gasoline. | 2. _____ |
| 3. Octane Rating | C. A measure of the ease with which diesel fuel can be ignited. | 3. _____ |
| 4. Spark Knock | D. The pressure of vapor above a fuel when the fuel is at 100°F (38°C). | 4. _____ |
| 5. Fungible | E. A renewable fuel that can be manufactured from vegetable oils or animal fats. | 5. _____ |
| 6. E85 | F. How easily gasoline evaporates. | 6. _____ |
| 7. Splash Blending | G. The ability for gasoline to be interchanged. | 7. _____ |
| 8. Cetane Number | H. The ideal air-fuel mixture, which is 14.7:1 for gasoline. | 8. _____ |
| 9. Biodiesel | I. A measure of a gasoline's antiknock properties. | 9. _____ |
| 10. Reid Vapor Pressure (RVP) | J. A metallic noise from abnormal combustion, also called ping. | 10. _____ |

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Answer Key

Answer Key:

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