

**Automotive Technology 7<sup>th</sup> Edition**  
**Chapter 31: Engine Blocks**  
**Matching Quiz**

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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

- |                                  |   |           |
|----------------------------------|---|-----------|
| 1. Engine Block Construction     | A. Located between the bottom of the block and the oil pan.   | 1. _____  |
| 2. Gray Cast Iron                | B. A type of cylinder sleeve that is surrounded by engine coolant.  | 2. _____  |
| 3. Carbon Content in Cast Iron   | C. The supporting structure for the entire engine.  | 3. _____  |
| 4. Bedplate                      | D. Should be machined in the order of align honing, cylinder boring, then block decking.                  | 4. _____  |
| 5. Wet Cylinder Sleeve           | E. Used to prevent rust or corrosion after machining.   | 5. _____  |
| 6. Dry Cylinder Sleeve           | F. A characteristic that makes it hard but brittle.   | 6. _____  |
| 7. Engine Block Machining Order  | G. A common material for engine blocks.   | 7. _____  |
| 8. Detailing an Engine Block     | H. Not surrounded by engine coolant.  | 8. _____  |
| 9. High-Performance Engine Block | I. Includes cleaning dirt/debris from threaded holes, using a bottle brush, and coating with fogging oil. | 9. _____  |
| 10. Fogging Oil                  | J. Often features four-bolt main bearing caps.  | 10. _____ |

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**Answer Key**

**Answer Key:**

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