

**Assessment**

**Circle the letter that corresponds to the correct answer.**

1. Which of the following is a nonferrous metal?
  - a. Aluminum
  - b. Carbon steel
  - c. Cast iron
  - d. Stainless steel
  
2. A characteristic of most ferrous metals is that they are:
  - a. spark-free when ground.
  - b. a reddish color.
  - c. a yellow color.
  - d. magnetic.
  
3. Spark testing is commonly used to identify:
  - a. nonferrous metals by the pattern of the sparks they produce.
  - b. nonferrous metals by the temperature of the sparks they produce.
  - c. ferrous metals by the pattern of the sparks they produce.
  - d. ferrous metals by the temperature of the sparks they produce.
  
4. Which is a characteristic of wrought iron?
  - a. Almost all carbon
  - b. Almost all iron
  - c. High strength
  - d. Extremely brittle
  
5. What generally happens as the carbon content increases in a metal?
  - a. Hardness increases
  - b. Melting point increases
  - c. Brittleness decreases
  - d. Strength decreases

b. Nonferrous metals