

**Chapter 2: Describing Matter****Section 1 – PROPERTIES**

*Use pages 9 and 10 of the student text to complete the worksheet.*

**Matching.** Match each word to its definition, and write the letter in the blank.

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|---|----------------------|
| _____ 1. the tendency of a denser liquid to push a less dense substance upward                      | A. boiling point     |
| _____ 2. the temperature at which a solid becomes a liquid  | B. buoyancy          |
| _____ 3. a characteristic of matter that can be observed or measured without changing the substance | C. melting point     |
| _____ 4. a characteristic that describes how one substance reacts with another substance            | D. physical property |
| _____ 5. the temperature at which a liquid becomes a gas beneath the surface                        | E. chemical property |

**Short Answer.** Write the answer to each question in complete sentences.

6. Why is a golf ball denser than a ping pong ball even though both balls are about the same size?

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7. Is flammability a physical property or a chemical property? Explain your answer.

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8. When can an object's chemical properties be seen?

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