

Section 2 Assessment p. 533 #1-6

1. In terms of substances, explain why evaporation of water is a physical change and not a chemical change.
2. Name four physical properties you could use to describe a liquid.
3. Why is flammability a chemical property rather than a physical property?
4. How does the law of conservation of mass apply to chemical changes?
5. The law of conservation of mass applies to physical changes as well as to chemical changes. How might you demonstrate this law for melting ice and distillation of water?
6. What evidence tells you that chemical and physical changes take place in a candle as it burns?