

# Assess

## Reviewing Key Concepts

**1. a.** The particles break free from their fixed positions and begin to move about.

**b.** The thermal energy increases. **c.** You should melt snow and then drink it. If you eat snow, your body must use some of its valuable energy to change the snow to a liquid.

**2. a.** The change from a liquid to a gas

**b.** Evaporation and boiling; in both, a liquid becomes a gas. Evaporation occurs only on a liquid's surface, while boiling occurs both on the surface and below the surface. **c.** Your body supplies the thermal energy necessary to change the sweat from a liquid to a gas, causing the body to lose heat and become cooler.

**3. a.** Sublimation **b.** Water vapor; the water vapor in the air is cooled and condenses when dry ice sublimates.