

Models of the Atom Bell Ringer Activity

Teacher Edition

Select the best answer for each of the following questions.

1. Which of the following is not a property of solids?
 - a. Contains separated particles
 - b. Particles vibrate and rotate
 - c. Strong forces hold the particles in position
 - d. Exist as a lattice

2. Which of the following is a property of both solids and liquids
 - a. Compressible
 - b. Can be disrupted
 - c. May exist as a lattice
 - d. Particles can flow past one another

3. Which of the following processes requires heat energy to be added?
 - a. Condensation
 - b. Deposition
 - c. Vaporization
 - d. Recombination

4. Which of the following phase changes requires heat energy to be removed?
 - a. Solid to liquid
 - b. Solid to gas
 - c. Gas to plasma
 - d. Gas to liquid

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