Reinforcement Worksheet 1

Name: _____ Class: _____ Date: _____

1. Illustrate the particles in the states of matter in the picture.

2. Mark the situations in which there is a change of state.

a. ☐ A vase breaks into pieces.

b. ☐ A snowman melts in the sun.

c. ☐ An orange is squeezed for its juice.

d. ☐ Ice forms on leaves on a very cold morning.

e. ☐ Water boils in the kitchen.

3. Answer the questions. Which state of matter…

a. expands to fit the available space? _____

b. has a fixed volume and shape? _____

c. has a fixed volume but can change shape? _____

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Reinforcement Worksheet 2

Name: _____ Class: _____ Date: _____

1. Identify the mechanism of heat transfer shown in each image.

_____ _____ _____

2. Complete the table with the characteristics of the physical states of water.

Characteristics of the Physical States of Water		
Solid	**Liquid**	**Gaseous**

3. A student measures the temperature of water in two glasses. The water in glass A has a temperature of 60 °C, and the water in glass B has a temperature of 10 °C. In which glass do the water particles have more kinetic energy? Why?

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_____

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