

Matter and Changes of State



Name: _____ Date: _____

Use the material to work through each task. Show the requested response.

Three familiar states

A solid keeps its own shape. A liquid flows and takes the shape of its container. A gas spreads through available space. Heating or cooling can change the state of a substance.

1. Which is a liquid?

☐ Ice cube	☐ Liquid water
☐ Water vapor	

2. What is the change from solid ice to liquid water called?

3. Sort the examples.

A. Ice cube		B. Liquid water	
C. Air			
Solid	Liquid		Gas

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4. What change makes liquid water into ice?

5. Why does pouring liquid water into a different cup change its shape?

6. Is the white cloud above a kettle the invisible water vapor itself?

