

Name: _____

Date: _____

NOTES: STATES OF MATTER

What is the *compressibility* of a substance? _____

Write a statement about the **compressibility** of each state of matter:

SOLID: _____

LIQUID: _____

GAS: _____

Write a statement about how the **shape** of each state of matter is affected by its *container*.

SOLID: _____

LIQUID: _____

GAS: _____

What does it mean that liquids have a *free surface*? _____

Write a statement about how the **volume** of each state of matter is affected by its *container*.

SOLID: _____

LIQUID: _____

GAS: _____

What does it mean for a gas to fill a container? _____

Write a statement about the **structure** of particles and freedom of movement of particles in each state of matter.

SOLID: _____

LIQUID: _____

GAS: _____