

Name \_\_\_\_\_ Block \_\_\_\_\_ Date \_\_\_\_\_  
**Unit 2-States of Matter / Gas Laws Study Guide**

***Describing the States of Matter***

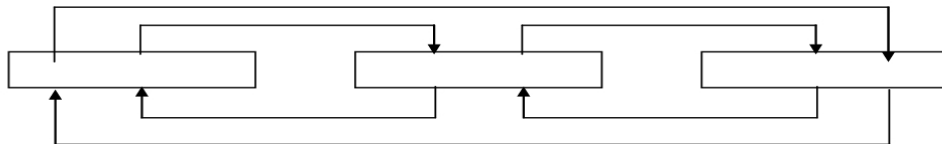
- Fill in the 3 common states of matter and briefly explain their shapes and volumes.

State of Matter	Shape	Volume

- Explain the arrangement of particles for a gas, a liquid and a solid.
- What does the kinetic theory of matter say about particles of matter?
- Compare and contrast crystalline and amorphous solids and provide an example of each.
- What is viscosity? Using two examples identify one liquid that is more viscous than the other.
- If energy is continually added to a gas, what will it likely become?

***Phase Changes***

- What is a phase change?
- Complete the following:



- What are the two types of vaporization and how are they different?
- Define Endothermic and Exothermic, label them on the graphic above