

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

***Describing the States of Matter***

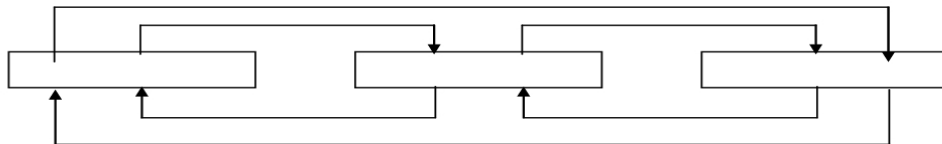
1. Fill in the 3 common states of matter and briefly explain their shapes and volumes.

State of Matter	Shape	Volume

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

***Phase Changes***

1. What is a phase change?
2. Complete the following:



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