

Name: \_\_\_\_\_

## States of Matter-Wall Graphic Student Worksheet









Label the boxes below with the correct state of matter. These labels will become the headings on the table.



Describe each state of matter.




<b>Shape</b>			
<b>Volume</b>			
<b>Speed of molecules</b>			

	<b>New State of Matter</b> Solid-Liquid-Gas	<b>Process</b> Melt-Freeze-Condense-Evaporate
<b>Solid + Energy (heat) =</b>  		
<b>Liquid + Energy (heat) =</b>  		
<b>Liquid - Energy (Heat) =</b>  		
<b>Gas - Energy (Heat) =</b>  		

**Fill in the Blanks. Tell what is happening using one of these words.**

Condenses          Melts          Evaporates

1. When you heat butter, it \_\_\_\_\_.
2. When water vapor in a cloud cools, it \_\_\_\_\_.
3. When a mud puddle disappears outside, the water \_\_\_\_\_.

**Fill in the blanks with the correct state of matter.**

Solid          Liquid          Gas

4. The two states of matter that have a definite volume are: \_\_\_\_\_ and \_\_\_\_\_.
5. The two states of matter that can flow are: \_\_\_\_\_ and \_\_\_\_\_.

**Circle whether the object is heated or cooled to make the second object.**

Flowing Lava →	Heated   or   Cooled	→ Rock
Ice →	Heated   or   Cooled	→ Water
Clouds →	Heated   or   Cooled	→ Rain / Water
Water →	Heated   or   Cooled	→ Steam