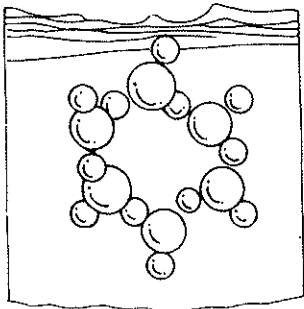
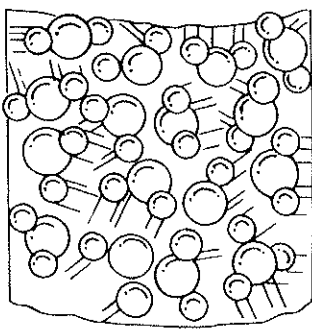
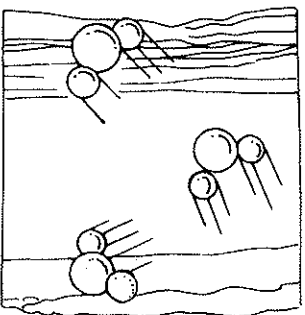


Three States of Matter

Matter comes in three states: solid, liquid, and gas. The state of matter is determined by the strength of the bonds holding its molecules together. Matter can be changed from one state to another through the use of heat. Changes in the three states of matter are physical changes. Classify the phrases in the word box for each state of matter. Some phrases are used more than once.

molecule movement is greatest takes shape of container weak bonds between molecules spreads in all directions virtually no bonds between molecules molecule movement is smallest	has mass has definite volume does not expand expands spreads in direction of gravity strong bonds between molecules	has shape of its own has no definite volume hard to deform takes up space
---	--	--

Solid	Liquid	Gas
		
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>