

Annotate to add more information
on the key terms.

10.2 - Liquids

Add more highlighting.

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| <p>a liquid has a definite volume and takes the shape of its container.</p> | <p>the particles in a liquid have the same properties in a gas but are closer together.</p> |
| <p>what is a fluid?</p> | <p>a fluid is a substance that can flow and take the shape of its container. both gases and liquids are fluids.</p> |
| <p>what is a liquids relative density?</p> | <p>at normal pressure, substances in a liquid are much more dense than in a gaseous state.the higher density is because of the particles close arrangement. Different liquids can differ in density. liquids are more dense than gases</p> |
| <p>what is the compressibility of a liquid?</p> | <p>liquids are much less compressible than gases because liquid particles are more closely packed together. liquids can transmit pressure equally in all directions; like gases.</p> |
| <p>gases can diffuse with other gas particles. how well can liquids diffuse?</p> | <p>any liquid gradually diffuses throughout any other liquid in which it can dissolve. constant random motion, kinetic molecular theory, causes diffusion.</p> |
| <p>give an example of surface tension. surface tension- a force that tends to pull adjacent parts of a liquids surface together, thereby decreasing surface are to the smallest possible size.</p> | <p>dropping an object in water causes the net attractive forces between the particles pull the molecules on the surface of the drop inward.</p> |
| <p>what is capillary action?</p> | <p>the attraction of the surface of a liquid to the surface of a solid; closely related to surface tension.</p> |
| <p>what is the difference between vaporization and evaporation?</p> | <p>vaporization is the process by which a liquid or solid changes to a gas whereas; evaporation is the process by which particles escape from the surface of a non boiling liquid and enter the gas state.</p> |
| <p>What do you call the formation of solids?</p> | <p>the physical change of a liquid to a solid by removal of energy as heat is called freezing or solidification.</p> |

Provide a summary