## LNG 10.1 - The Kinetic Molecular Theory of Matter

Label the columns.

Very nice layout.

what is the kinetic molecular theory?  the kinetic molecular theory that particles of matter are used to explain the proper and gases.	always in motion. It is	
The explanation of solids, liquids, and gases are in terms of: energy of particles; forces that act between them.	s of matter in chapter 1.	
The kinetic molecular theory of gases provides an ideal gas is a hypothetic ideal gas model.  What is an ideal gas?  an ideal gas is a hypothetic all the assumptions of the	kinetic molecular theory	Try making up your own questions.
<ol> <li>gases consist of large numbers of tiny particles that are far apart relative to their size.</li> <li>Collisions between gas particles and between particles and container walls are elastic</li> </ol>	ich there is no net loss	
·	dding more questions.	
<ul> <li>4. there are no forces of attraction between gas particles</li> <li>5. the temperature of a gas depend on the</li> </ul> The separation of particles intermolecular forces do not particles.		
a gas will expand to fit its container according to assumptions 3 and 4 of the theory  remember gases have no volume of quantity of gas of and surrounding pressure as air expands; it becomes	definite shape or volume depends on temperature	
assumption 4 of the theory means gas particles glide passed each other; giving the ability to flow.  Gases flow just as liquids; referred to as fluids.	which is why both are	
gases have a lower density than solids and liquids  1/1000 the density of the solid state.	same substance in liquid	
assumption 1 of the theory shows that when gas is compressed; it be compressed, gas particles are crowded together as air is compressed; it be the volume is greatly decrease.		

Add some annotations.

## Patricia Gutierrez Block.4 CHM-H

diffusion- spontaneous mixing of particles of two substances caused by their random motion. effusion- a process in which gas can pass through a toy opening	Gases can easily diffuse together because of the amount of space between the molecules rates are directly proportional to the velocities of their particles.  molecules of low mass effuse faster than molecules of high mass.
a real gas is a gas that does not behave completely according to the assumptions of the kinetic molecular theory.	particles of a gas occupy space and excerpt attractive forces on each other, this deviates gas (to some degree) from an ideal gas.

Put a summary in the end to wrap it up. Like this person said, needs a summary.