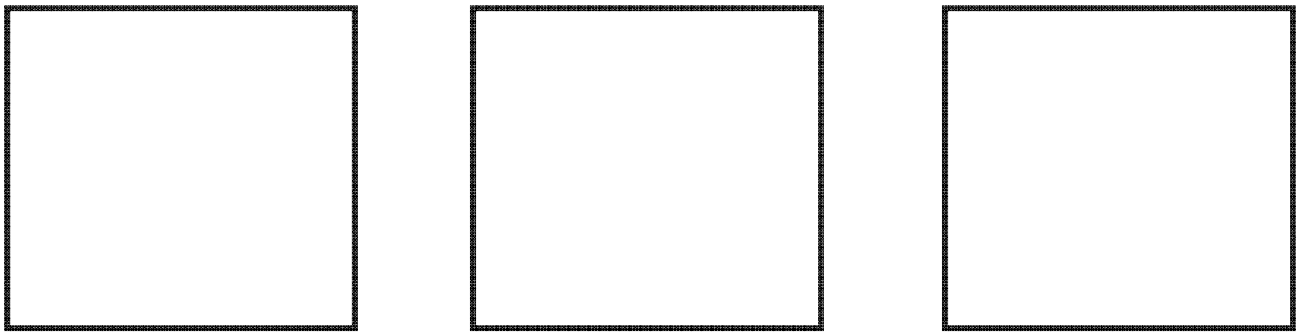
Name _____

Date _____ Per. _____

Diagram the particles in each of the boxes below. Remember, the number of particles does not change in each box.

Solid **Liquid** **Gas**

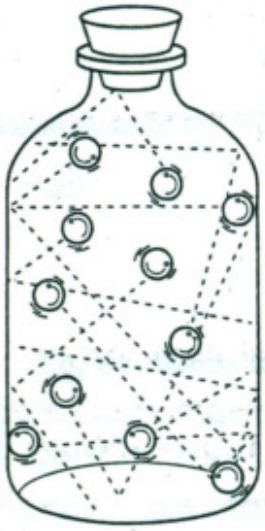


Complete the chart below to explain the differences between a solid, liquid, and gas.

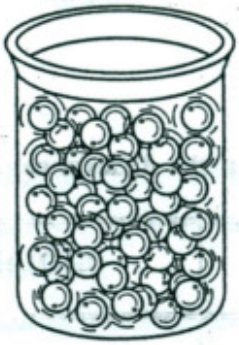
	Solid	**Liquid**	**Gas/Vapor**
Rigid or Flows?			
How close are the particles?			
How fast are the particles moving?			
Boundary/Interface or No Boundary/Interface			
Easily Compressed or Not Easily Compressed			
Energy State			
Examples			

Identify each example as a solid, liquid, or gas. Use each term twice.

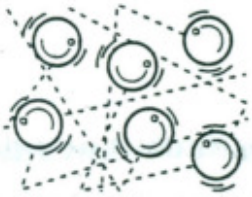
States of Matter



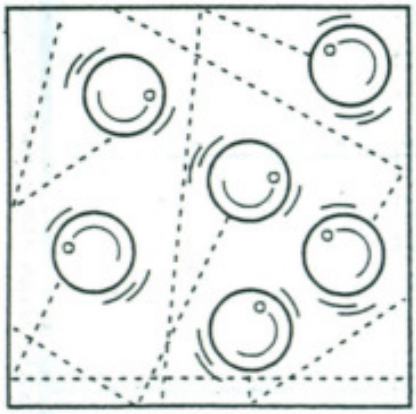
1. Particles in a _____



2. Particles in a _____

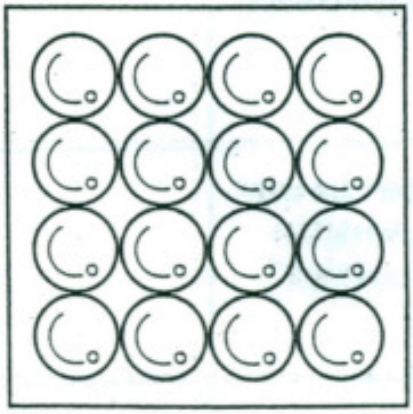


3. Particles in a _____



4. _____

5. _____



6. _____