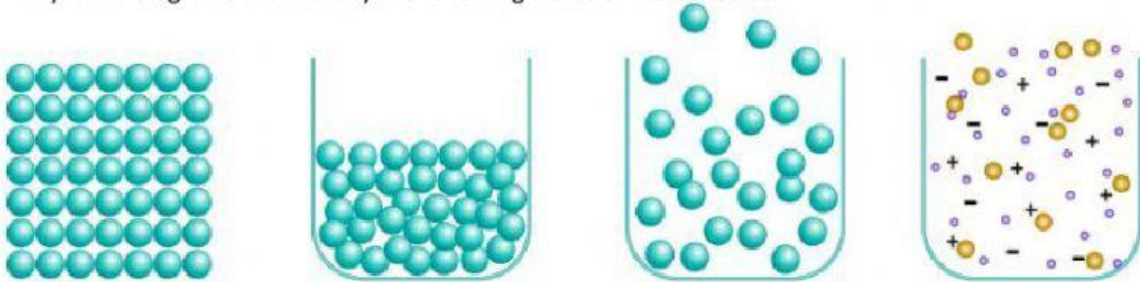


Learning Target: I can compare and contrast models of particle arrangement and particle motion in solids, liquids, gases, and plasmas.

States of Matter Interactive Review

States of Matter

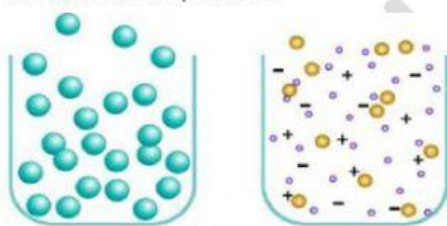
Analyze the diagrams and identify the following states of matter below:



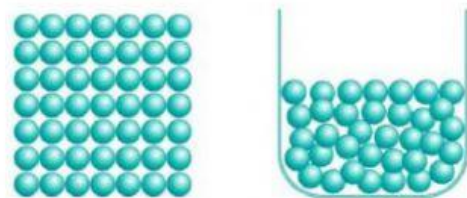
Select the correct term for the following definitions:

1. These molecules fly in all directions at great speeds. They are so far apart that the attractive forces between them are insignificant. Indefinite shape, indefinite volume, fill up the space of containers.
2. These molecules are arranged in regular repeating patterns. They are held firmly in place but can vibrate within a limited area. Definite shape, definite volume.
3. These molecules are at very high temperatures and come from stars. These atoms lose their electrons. The mixture of electrons and nuclei causes electrical charged particles.
4. These molecules are able to slide past one another and take the shape of the container they are in. Indefinite shape, definite volume.

These models represent:



These models represent:



4. If molecules have more molecular motion, then...
5. Label the phase changes in the diagram below.

