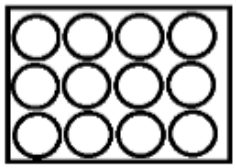
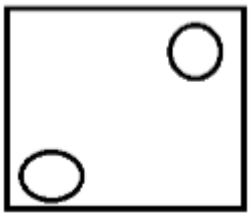
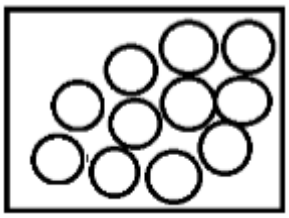
Does this particle diagram represent a solid, liquid or gas?



Does this particle diagram represent a solid, liquid or gas?



Does this particle diagram represent a solid, liquid or gas?



Describe the particle arrangement in solids

Describe the particle arrangement in liquids

Describe the particle arrangement in gases

Describe the movement of particles in a solid

Describe the movement of particles in a liquid

Describe the movement of particles in a gas	Describe the two features of a chemical change
Describe the two features of a physical change	How much larger is the distance between Helium atoms compared to the diameter of the atom?
What are the limitations of the particle model?	How does the strength of forces between particles compare for solids, liquids and gases?
Which of solids, liquids and gases can be compressed?	Which of solids, liquids and gases have a fixed shape rather than take the shape of the container?

Gas	Solid
Regular arrangement, very close together	Liquid
Random arrangement, far apart	Random arrangement, close together
Move past each other	Vibrate about a fixed position

Irreversible, new substances are made	Move quickly and randomly in all directions
55 times larger	Reversible, no new substances are made
Solids > liquids >> gases	Does not show the forces between particles or the correct distance between gas particles
Solid	Gases