

Q.1 Atom is the smallest particle in which matter is made of.

Q.8. a) Solids molecule are ~~thight~~ tightly packed with each other and cannot flow.

b) Air has no shape

c) The scent spreads in a room because it is a gas.

d) The air is all around us.

e) Because water flows freely.

f) Because sugar molecules are mixed with water molecules.

g) Yes, because gases are all around us.

h) Because the water molecules mix with red colour molecules.

a) The force of attraction between like particles or molecules is called cohesive force.

b) The phenomenon of ~~inter mixi-~~ intermixing of particles of one kind of another kind through a natural movement.

c) The zig-zag motion of particles suspended in a medium is called Brownian movement.