

1 Match the sentence starters, middles and endings. Draw *eight* lines.

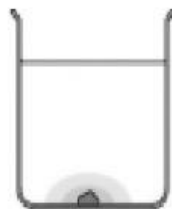
Diffusion ...	... in a liquid ...	... occurs faster than in a liquid.
The particle theory ...	... occurs when ...	... are closer together than in a gas.
Diffusion	... in a gas ...	... for explaining the properties of matter.
Particles ...	... is useful ...	... particles of one substance spread out and mix with another.

2 The diagrams below show what happens when a coloured crystal is dropped into a beaker of water. Complete the sentences, beside each diagram, to explain what is happening.

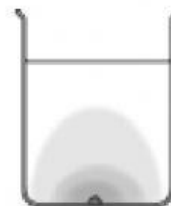
a The coloured crystal is placed in a beaker of _____.



b The colour starts to spread as the crystal starts to _____.



c The colour _____ throughout the beaker of water.



d The particles of water and the dark crystal are moving all the time and mix together.

This is called _____.

