

1. Water in the water cycle can change state identify the correct word which means the change from solid to liquid *
(1 Point)

- ☐ Freezing
- ☐ Evaporating
- ☐ Melting
- ☐ Condensing



2. Water in the water cycle can change state identify the correct word which means the change from liquid to solid *
(1 Point)

- ☐ Freezing
- ☐ Evaporating
- ☐ Melting
- ☐ Condensing



3. Water in the water cycle can change state identify the correct word which means the change from gas to liquid * 
(1 Point)

- ☐ Freezing
- ☐ Evaporating
- ☐ Melting
- ☐ Condensing



4. Water in the water cycle can change state identify the correct word which means the change from liquid to gas *
(1 Point)

- ☐ Freezing
- ☐ Evaporating
- ☐ Melting
- ☐ Condensing



5. During diffusion the particles of a matter *
(1 Point)

- ☐ get larger
- ☐ mix with one another
- ☐ change shape
- ☐ get smaller

6. Diffusion happens the quickest in *
(1 Point)

- ☐ solids
- ☐ liquids
- ☐ gases

7. When 20 ml of alcohol is mixed with 20 ml of water the final volume is *
(1 Point)

- ☐ less than 40 ml
- ☐ more than 40 ml
- ☐ exactly 40 ml

8. When 20 ml of peas are mixed with 20 ml of sand the final volume is *
(1 Point)

- ☐ 40 ml because $20 + 20$ is 40
- ☐ more than 40 ml because the peas expand
- ☐ less than 40 ml because the sand can fit in the tiny spaces between the peas

9. The science word for squeezing a substance is compression. The state of matter which can be compressed the most is *
(1 Point)

- ☐ solid
- ☐ liquid
- ☐ gas

10. When solids are heated they expand (get larger) this is because *
(1 Point)

- ☐ the particles move further apart
- ☐ the particles increase in size
- ☐ gravity changes
- ☐ magnetism decreases

