

1 B

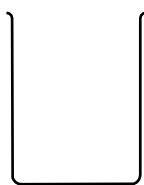
2 B

3 B

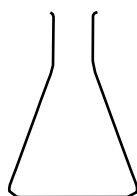
4 C

5 D

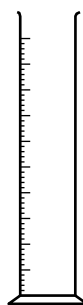
6



Beaker



Conical
flask



Measuring
Cylinder

(b) (i) Water has no fixed shape or shape of water changes

(ii) 200 cm^3

(iii) Water has a fixed volume

(c) (i) Sinks/ dissolves/ fine purple specs/ Deep purple solution at the bottom

(ii) They diffuse throughout the solution/ due to the difference in concentration

7 Gas

Solid

Gas

Solid

Gas

8 (a) Particle (b) Mass (c) Solid, Vibrate (d) Temperature (e) Physical (f) Chemical

9 (a) Rubber/ Rubber in the solid state has more particles that are closely packed occupying less space.

(b) (i) No

(ii) Rubber has a fixed shape as the particles cannot flow

Particles in milk and air flow and they need a container

10 (a) (i) Bunsen//flame (ii) kinetic (iii) boiling (iv) cold (v) condensation (vi) sublimation (vii) increase

(viii) freezing (ix) decrease

(b) Before: diagram showing particles in liquid

After diagram showing particles in solid