



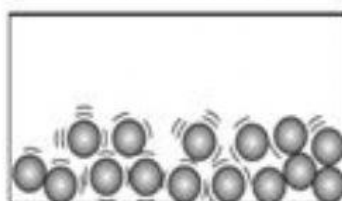
## Worksheet 2

### ACTIVITY: Heat it up

The diagrams show what is happening to the particles in a substance as it is heated, and the statements explain what is happening. Match the image with its correct description.

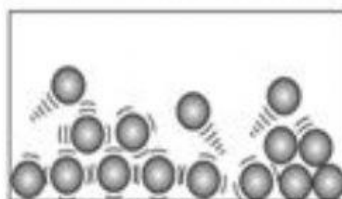
**a** The liquid is hotter. The particles are moving around faster, and the liquid has expanded

**1**



**b** The substance has completely melted. The particles are moving around with no fixed arrangement.

**2**



**c** The gas is hotter. The particles are moving around faster.

**3**



**d** The solid is hotter. The particles are vibrating more and the solid has expanded.

**4**



**e** The substance is a solid. The particles are fixed in place and vibrating.

**5**

