A


B


C


| 0 | 1 |
| :--- | :--- |$\quad$| 1 |
| :--- | Name the state of matter in each diagram:

A
Solid
B ............
C ....................................................................................................................... [1]


| $\mathbf{0}$ | $\mathbf{2}$ |
| :--- | :--- | | 2 |
| :--- |
| Use the particle model to explain why a substance has a fixed shape when it is a <br> solid, but not when it is a liquid |

In a solid, particles cannot move around, they only vi.............................................................................
In a liquid, particles are quite close together but are able to move / slide past
each other.............................................................................................


A student wants to turn a solid substance into a liquid.
What is this change of state called?
melting



End

