

Activity Two (Gaps/state of matter)

Fill in the gaps with the right words from the box bellow.

highest- structure- container- energy-temperature- shape- liquid- definite
Intermolecular- critical- pressure- molecules- greater- melting- fluid-
volume- constant- solid- triple.

A is a nearly incompressible that conforms to the of its but retains a (nearly) volume independent of..... . The is definite if the and pressure are constant. When a..... is heated above its point, it becomes liquid, given that the pressure is higher than the point of the substance. (or interatomic or interionic) forces are still important, but the have enough to move relative to each other and the is mobile. This means that the shape of a liquid is not but is determined by its container. The volume is usually than that of the corresponding solid, the best known exception being water, H₂O. The temperature at which a given liquid can exist is its temperature.