

States of Matter

Name: _____ Class: _____ Date: _____

Complete each sentence with the correct word:

Charles's law
Pressure
solid
liquid
viscosity
temperature
exothermic
gas
freezing point

evaporation
states of matter
melting
vaporization
condensation
crystalline
sublimation
Freezing

melting point
surface tension
curves beneath
boiling
endothermic
plasma
amorphous
change of state

1. When matter has a definite volume, but can take the shape of its container we call it a _____.
2. If vaporization is occurring just at the surface of a liquid, we call it _____.
3. _____ is the state in which matter changes both in shape and volume.
4. When energy is absorbed during a change of state it is an _____ change, as in melting.
5. When energy is lost, or removed, we call it an _____ change of state.
6. Boyle's law states that for a fixed amount of gas, at a constant _____, the volume will increase as the pressure decreases.
7. The _____ is an example of a natural plasma in our universe.
8. The _____ are the physical forms in which a substance can exist.
9. The state in which matter has a definite shape and a definite volume is _____.
10. A liquid with a high _____ will flow and pour more slowly, like honey.