

Changing States of Matter

Fill in the gaps *with* the appropriate word from the box:

gas	condensation	melting	liquid	temperature(x2)
become	states	becomes	move	energy
matter	solidifying	squeezing	heat	evaporation

All matter can exist in these three different : solid, liquid or gas.

The state of matter depends mainly on the Most metals are normally solids, but if you them to a very high , they turn into a ; if you heat them even more, they turn into a Some substances are gases at an ordinary temperature, but they liquids at a very low temperature.

→ Changing from a solid to a liquid is called

→ Changing from a liquid to a gas is called

→ Changing from a gas to a liquid is called

→ Changing from a liquid to a solid is called

When you heat a substance, you are giving it energy. When you cool it, you are taking away Particles of need energy to move. How fast and freely they depends on how much energy they have.

Nearly all substances expand when they melt, but water. However, like all other substances, water expands when it a gas.

Pressure, as well as temperature, can make a substance change state: gases can be turned into a liquid by compressing or them.