


Changing States of Matter

Any material can exist in three forms: **solid, liquid or gas**. These forms are called **states of matter**. When heated or cooled, matter changes its state.


Heating makes some solids change into liquids. This is called **melting**.




Cooling makes liquids turn into solids. This is called **freezing**.



Cooling makes gases turn into liquids. It's called **condensation**. Water vapor in the air **condenses** into liquid on the outside of a cold glass.



Heating liquids till they boil makes them evaporate. We call it **evaporation**.



What changes of state are shown in the pictures?
Trace the dotted lines to the correct answers.



← **melting** →

← **evaporation** →



← **condensation** →

← **freezing** →

