

## Intervention 8.1.5

Phases of Matter: Solids, Liquids, and Gases

Cut the pictures from "pictures to cut and paste" and paste them on this page.

Solids	Liquids	Gases

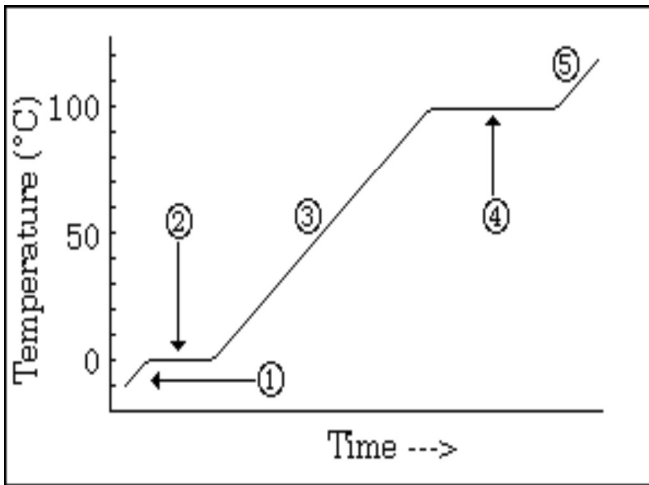
The diagram illustrates phase changes between three states of matter: Solids, Liquids, and Gases. It features three beakers: the left one contains a melting ice cube, the middle one contains liquid, and the right one is empty. Arrows indicate the following transitions:

- From Solids to Liquids (top arrow)
- From Liquids to Solids (bottom arrow)
- From Liquids to Gases (top arrow)
- From Gases to Liquids (bottom arrow)

Each transition is accompanied by a blank rectangular box for labeling the process.

# Heating Curve of Water

The diagram below is a plot of temperature vs. time. It represents the heating of what is initially ice at a near constant rate of heat transfer. Using the numbers on the graph, fill in the chart below.



	Phase or PHASES (Solid, Liquid, Gas) There may be more than one	Phase Change (Freezing, Boiling, NONE) There may not be one
1		
2		
3		
4		
5		

Fill in the concept map below using the following word bank:

Word Bank: Freezing, Melting, Boiling, Condensation, sublimation, deposition

## Phase Changes of Matter Concept Map

