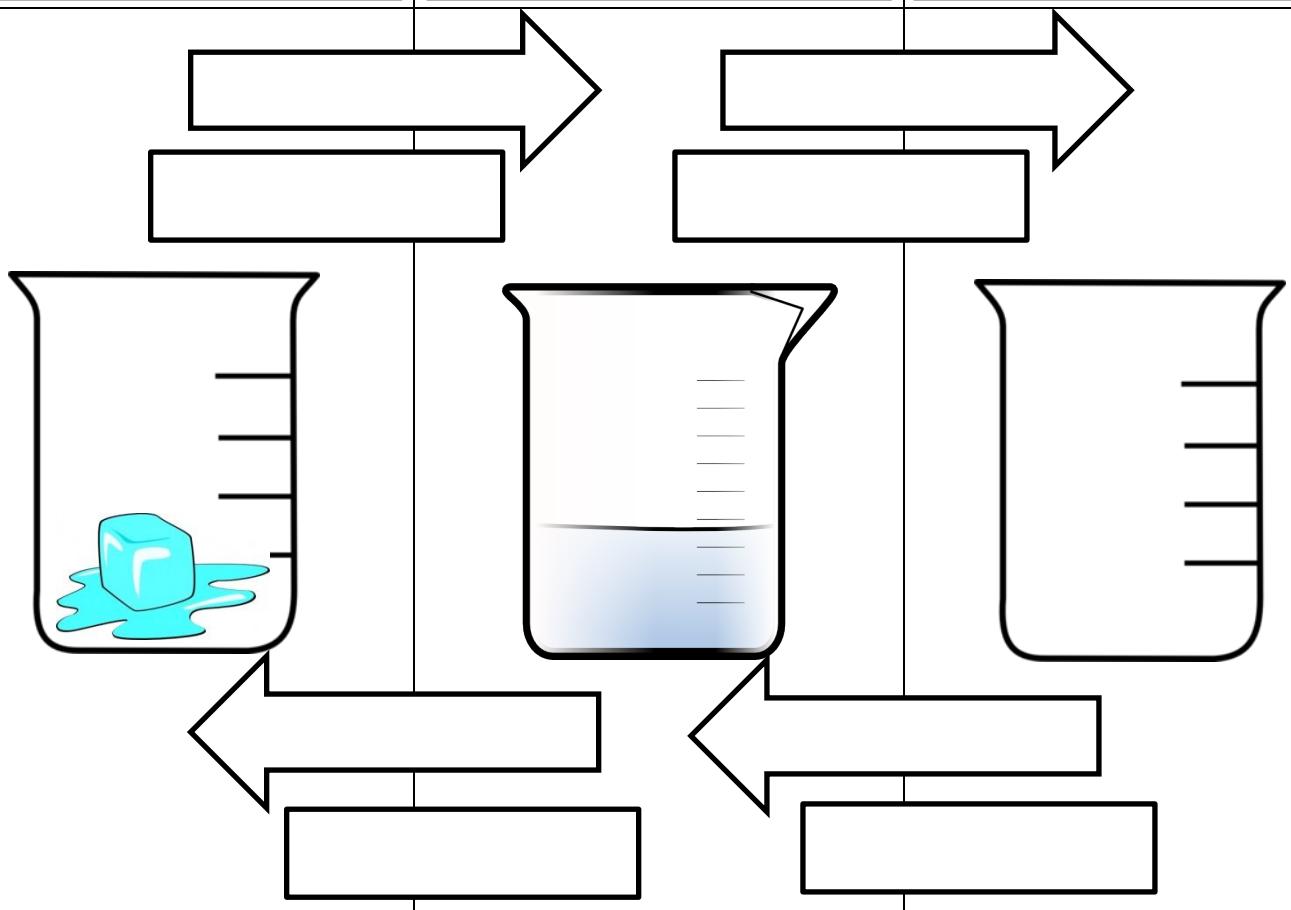
Name: _____

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

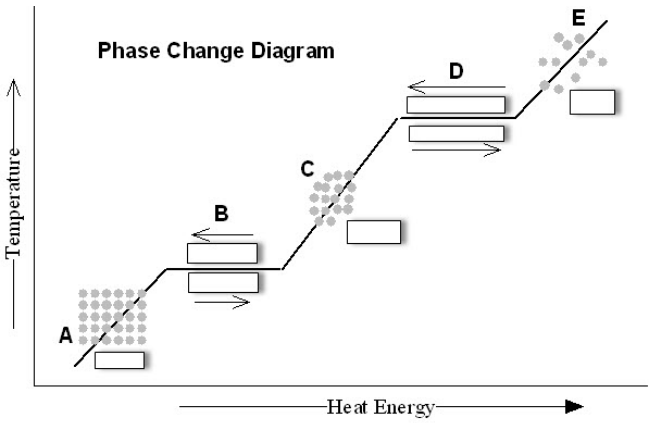


What happens to the motion of particles when you **add** heat? _____

What happens to the motion of particles when you **remove** heat? _____

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 letters on the graph, fill in the chart below.



	Phase or PHASES **(Solid, Liquid, Gas)** There may be more than one	Phase Changes **(Freezing, Boiling, melting, condensing, NONE)** There will be more than one answer
A		
B		
C		
D		
E		

Phase Changes of Matter Concept Map

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

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