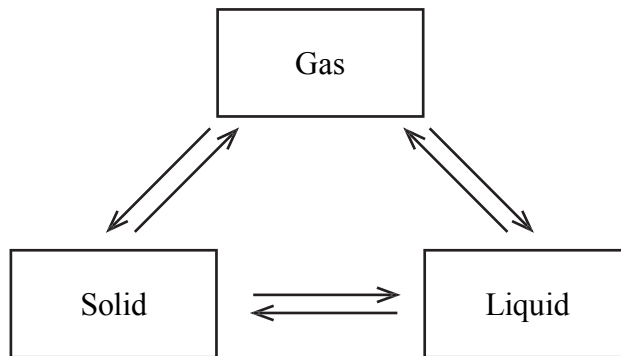


# HW1: Heating and Cooling Curves

Name: \_\_\_\_\_

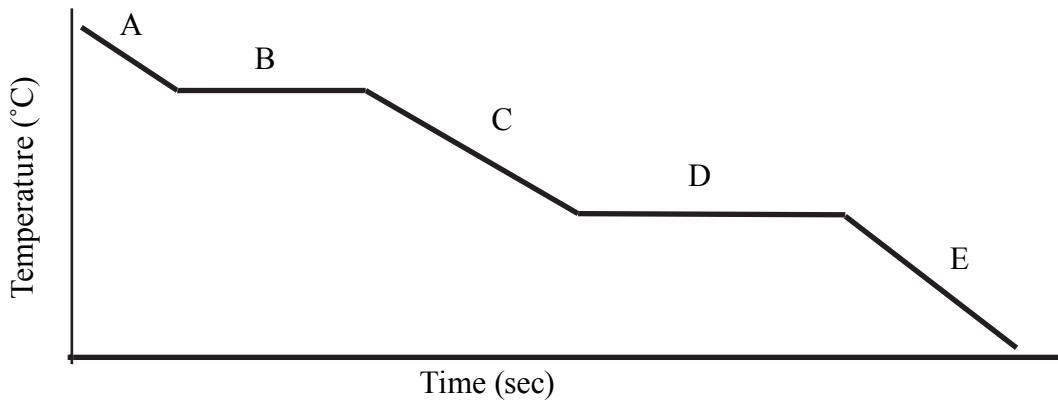
Date: \_\_\_\_\_ Per: \_\_\_\_\_

1. Label the diagram below with the appropriate phase change for each arrow.



Use the following graph to answer questions 2-4.

A GRAPH OF TIME VS. TEMPERATURE CHANGES OF A SUBSTANCE



2. Does the graph represent a heating or cooling curve? How do you know?
3. Which two sections of the graph represent phase changes? How do you know this?
4. Identify the phase change that is occurring or the state of matter present during each of these sections:
- A.
  - B.
  - C.
  - D.
  - E.
5. Which phase changes are not present on the graph? List and define each.