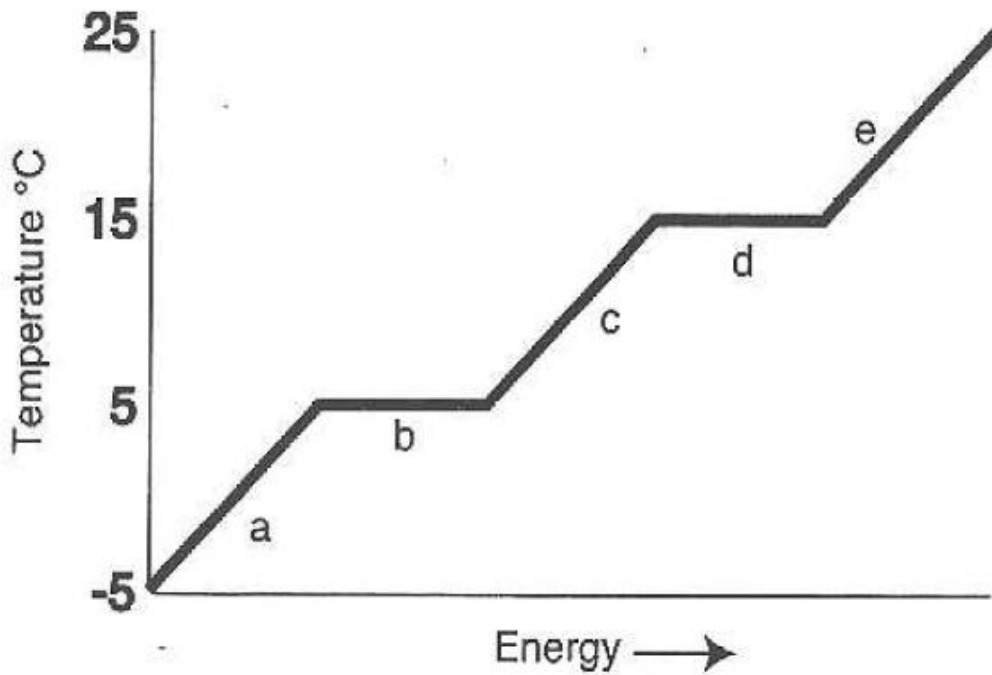




Heating Curve Homework

Name _____

Date _____ Per _____



ANSWER THE FOLLOWING USING THE ABOVE HEATING CURVE

1. What is the melting temperature of the above substance? _____
2. What is the freezing temperature of the above substance? _____
3. What is the boiling temperature of the above substance? _____
4. The part of the graph labeled “e” represents temperatures at which gas is being heated. Describe what is happening for each of the other lettered sections of the graph:

- a. _____
- b. _____
- c. _____
- d. _____

5. In which section of the graph are atoms moving the least? _____
6. In which section of the graph is this substance all liquid? _____
7. On your graph, draw an arrow to and label each of the following: “melting begins”, “melting complete”, and “boiling begins”.