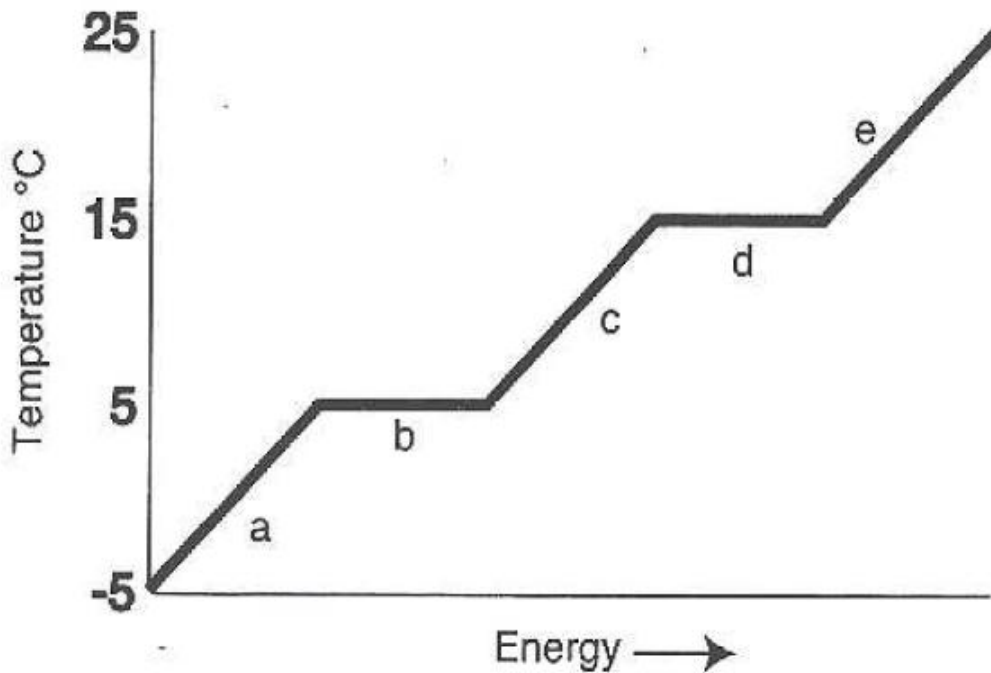




# Heating Curve Homework

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. \_\_\_\_\_

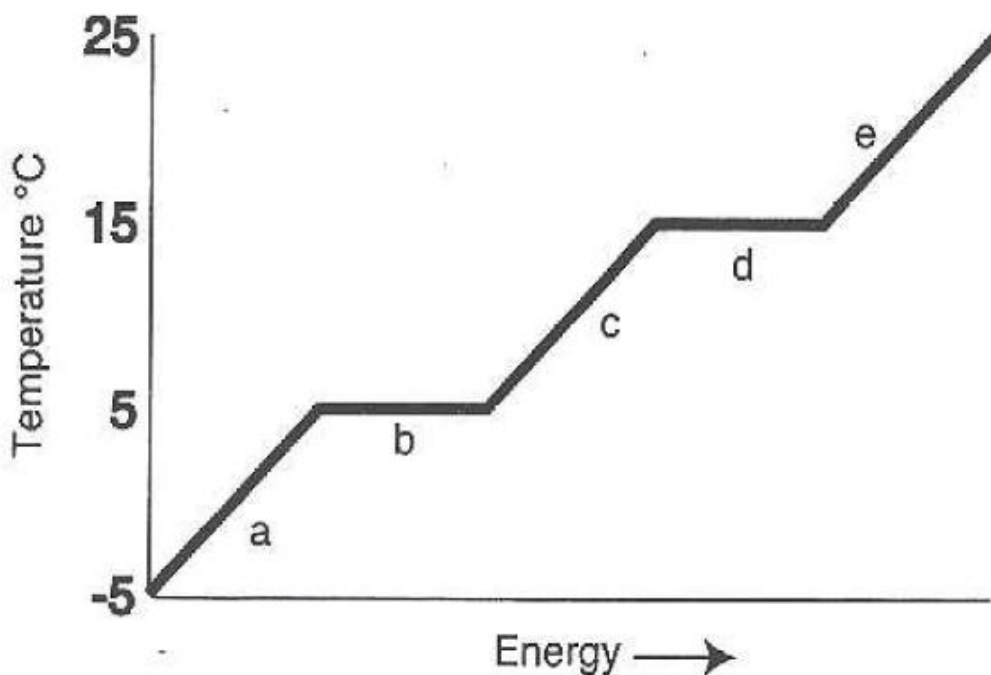
c. \_\_\_\_\_

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? \_\_\_\_\_

ANSWER SHEET



ANSWER THE FOLLOWING USING THE ABOVE HEATING CURVE

1. What is the melting temperature of the above substance? 5 C
2. What is the freezing temperature of the above substance? 5 C
3. What is the boiling temperature of the above substance? 15 C
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. The solid is warming but not melting.
  - b. Melting.
  - c. Liquid is warming.
  - d. Boiling.
5. In which section of the graph are atoms moving the least? A
6. In which section of the graph is this substance all liquid? C