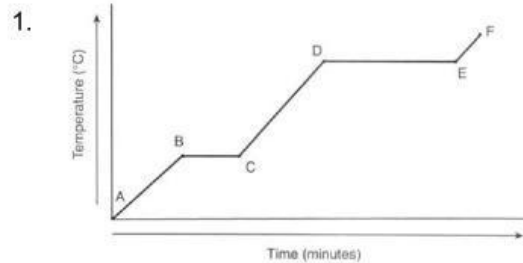


Heating Curve of Water

Total questions: 10

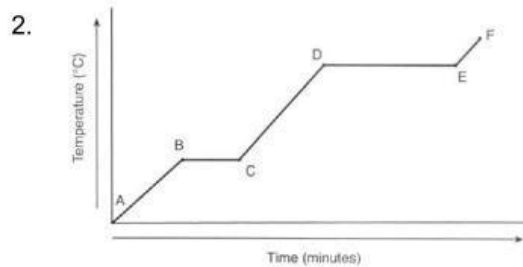
Worksheet time: 8mins

Instructor name: Khaled Barhoom



What line segment represents only the solid state?

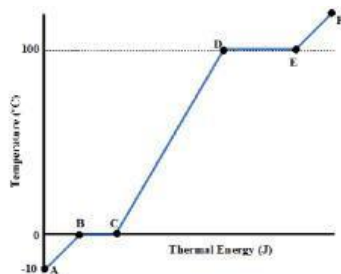
- a) B-C
- b) A-B
- c) C-D
- d) D-E



Between which points is the temperature of the substance remaining constant?

- a) B-C only.
- b) A-B, C-D, E-F
- c) B-C, D-E
- d) A-B only.

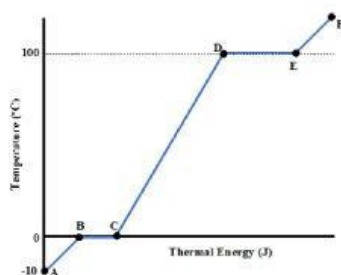
3.



Between which two points is Heat of Fusion?

- a) A $\longleftrightarrow$ B
- b) B $\longleftrightarrow$ C
- c) E $\longleftrightarrow$ F
- d) D $\longleftrightarrow$ E
- e) C $\longleftrightarrow$ D

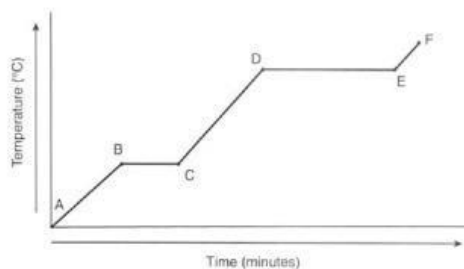
4.



Between which two points is Heat of Vaporization?

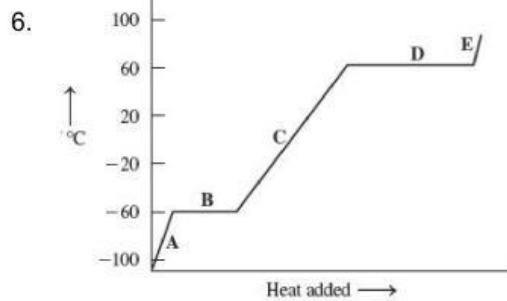
- a) B $\longleftrightarrow$ C
- b) D $\longleftrightarrow$ E
- c) A $\longleftrightarrow$ B
- d) E $\longleftrightarrow$ F
- e) C $\longleftrightarrow$ D

5.



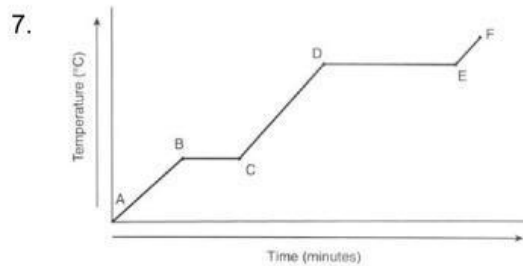
In which segment is the kinetic energy remaining constant?

- a) B-C
- b) A-B
- c) C-D
- d) E-F



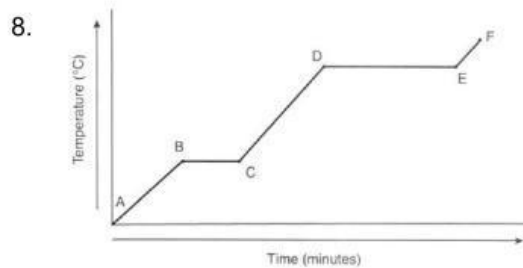
A substance's heating curve is shown in the graph. What is its boiling point?

- a) 20 C
- b) 60 C
- c) 100 C
- d) 80 C



Which process takes the longest to occur?

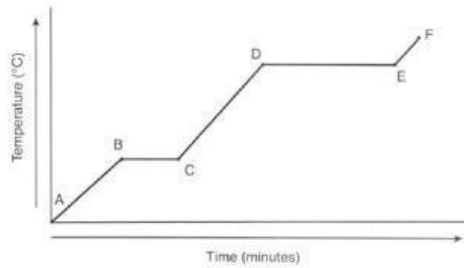
- a) freezing
- b) heating the solid
- c) melting
- d) boiling



What state(s) of matter are present at D-E?

- a) Solid-liquid
- b) Gas-Solid
- c) Liquid-gas
- d) Liquid

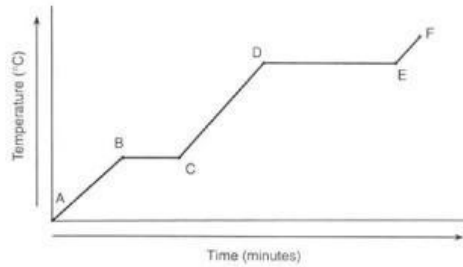
9.



Between which points is the substance changing state?

- a) B-C, D-E
- b) A-B, C-D, E-F
- c) A-B only.
- d) B-C only.

10.



This type of graph is called a:

- a) Temperature chart
- b) Heating curve
- c) Phase diagram
- d) State of matter