QUIZIZZ Worksheets

Name

Heating Curve of Water

Total questions: 10

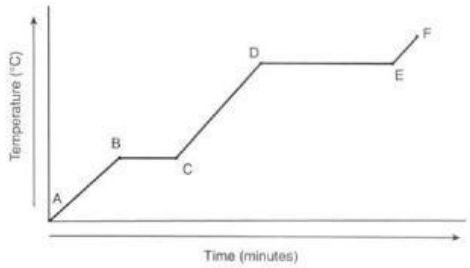
Worksheet time: 8mins

Instructor name: Khaled Barhoom

Class

Date

1.



What line segment represents only the solid state?

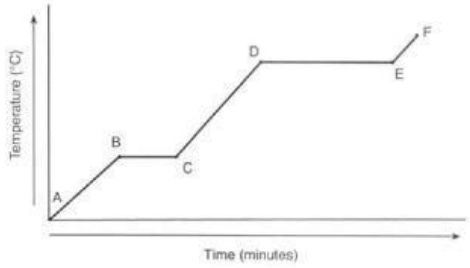
a) B-C

b) A-B

c) C-D

d) D-E

2.



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

a) B-C only.

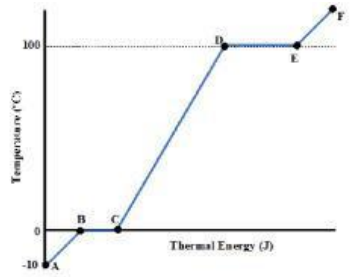
b) A-B, C-D, E-F

c) B-C, D-E

d) A-B only.

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3.



Between which two points is Heat of Fusion?

a) A <----> B

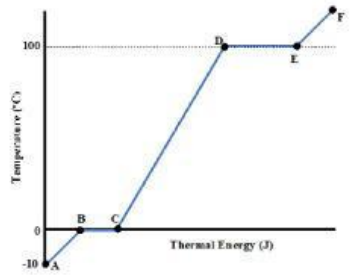
b) B <----> C

c) E <----> F

d) D <----> E

e) C <----> D

4.



Between which two points is Heat of Vaporization?

a) B <----> C

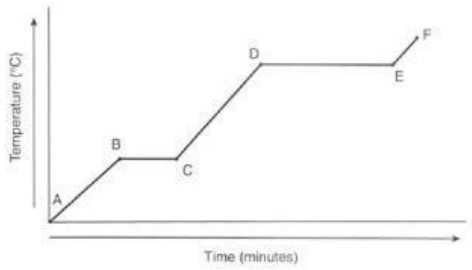
b) D <----> E

c) A <----> B

d) E <----> F

e) C <----> D

5.



In which segment is the kinetic energy remaining constant?

a) B-C

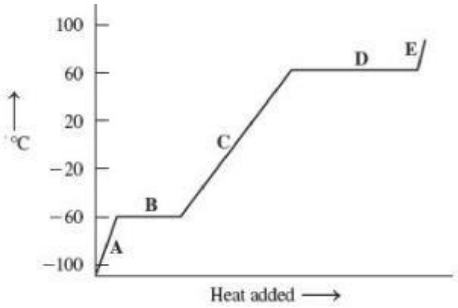
b) A-B

c) C-D

d) E-F

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6.



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

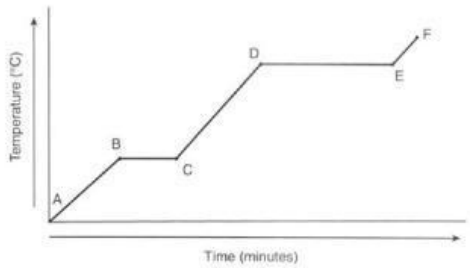
a) 20 C

b) 60 C

c) 100 C

d) 80 C

7.



Which process takes the longest to occur?

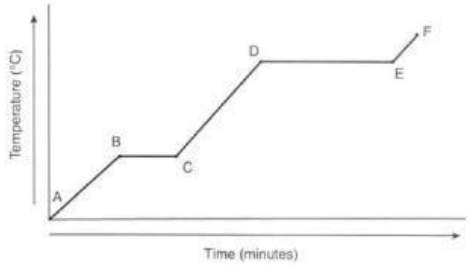
a) freezing

b) heating the solid

c) melting

d) boiling

8.



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

a) Solid-liquid

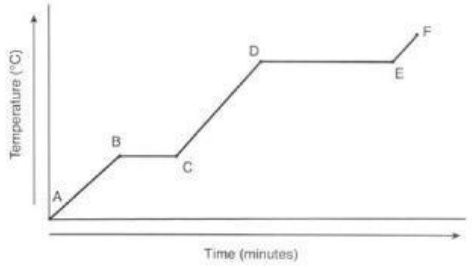
b) Gas-Solid

c) Liquid-gas

d) Liquid

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9.



Between which points is the substance changing state?

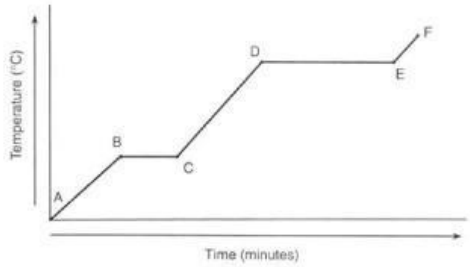
a) B-C, D-E

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

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