

Answer all the questions

1. Melting

the change from _____ to _____.

2. Freezing

the change from _____ to _____.

3. vaporization

the change from _____ to _____.

4. Condensation

the change from _____ to _____.

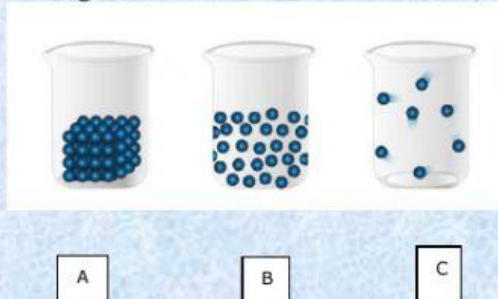
5. Sublimation

the change from _____ to _____.

6. Deposition

the change from _____ to _____.

7. If enough heat was REMOVED from B, it would change into -----



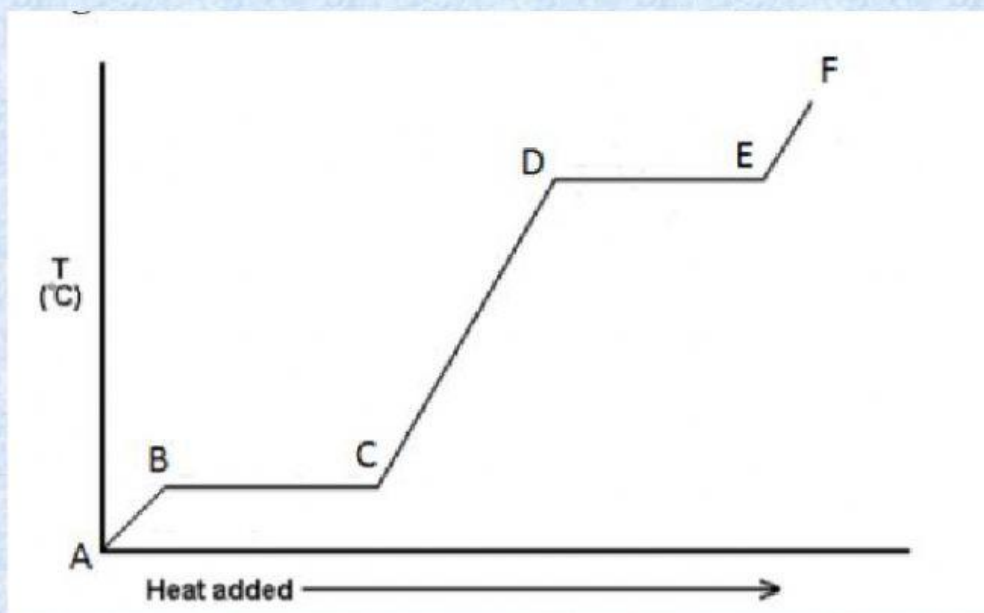
8. Dry ice is an example of which process?

- a. conduction
- b. sublimation
- c. convection
- d. Radiation

9. In a cup of liquid water, when would the water molecules stop moving?

- a. The molecules would stop moving if the liquid water in the cup became a solid
- b. The molecules would stop moving if the liquid water in the cup became a gas
- c. The molecules would stop moving if the liquid water in the cup became still
- d. The molecules would not stop moving in the cup of liquid water

4. Refer to the figure and answer the questions below



- 1) Heat is added between points D and E. The substance is ____
 - a. Sublimating
 - b. Melting
 - c. Freezing
 - d. Boiling
- 2) If heat is REMOVED from point E and the temperature is not changed, the substance will ____
 - a. Condense
 - b. Boil
 - c. Melt
 - d. Evaporate
- 3) The part of the graph with the STRONGEST intermolecular forces is ____
 - a. A to B
 - b. C to D
 - c. E to F
 - d. F