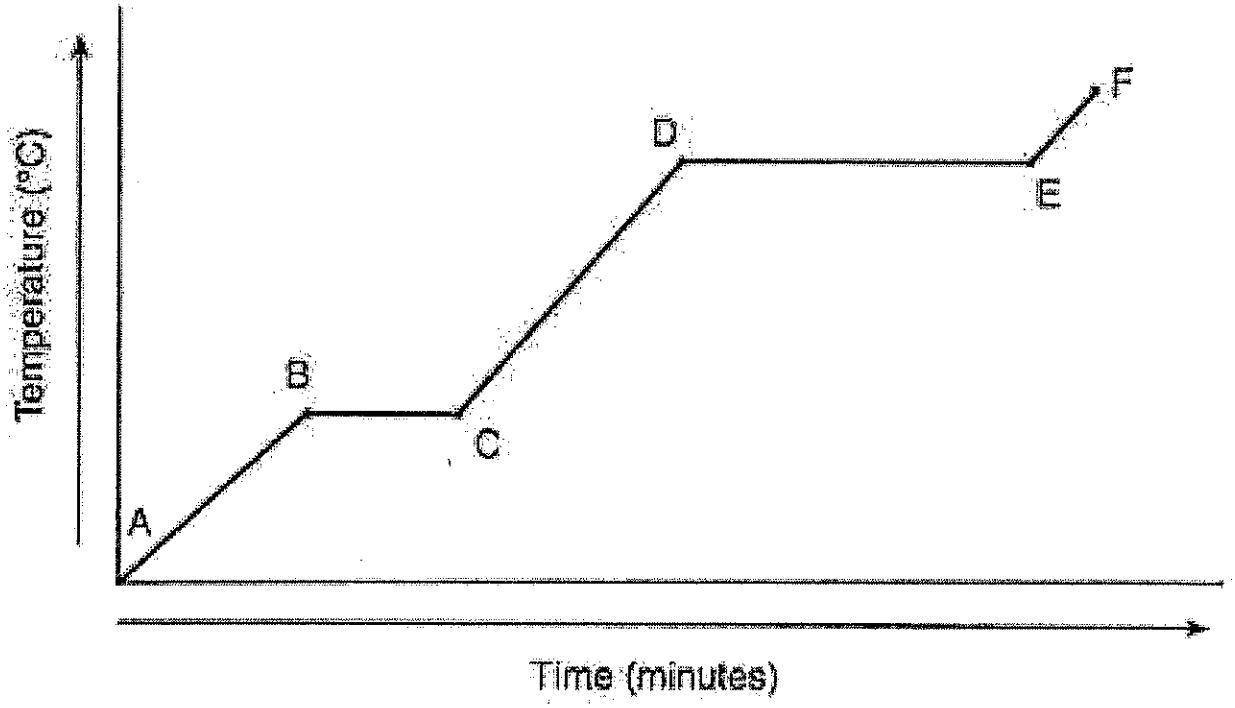
Name _____ Date _____

Vaporization and Condensation HW



1) In the diagram above, what state of matter is A → B? _____

2) In the diagram above, what state of matter is C → D? _____

3) In the diagram above, what state of matter is E → F? _____

4) What phase change is occurring from D→ E? _____

5) What phase change is occurring from E→ D? _____

6) What is happening to the temperature from C→ D? _____

7) What is happening to the temperature from D→ E? _____

8) What is happening to the temperature from E→ D? _____

9) What is happening to the temperature from D→ C? _____

10) As temperature increases, do particles spread out or move closer together? _____

11) As temperature decreases, do particles spread out or move closer together? _____

12) As temperature increases, do particles move faster or slower? _____

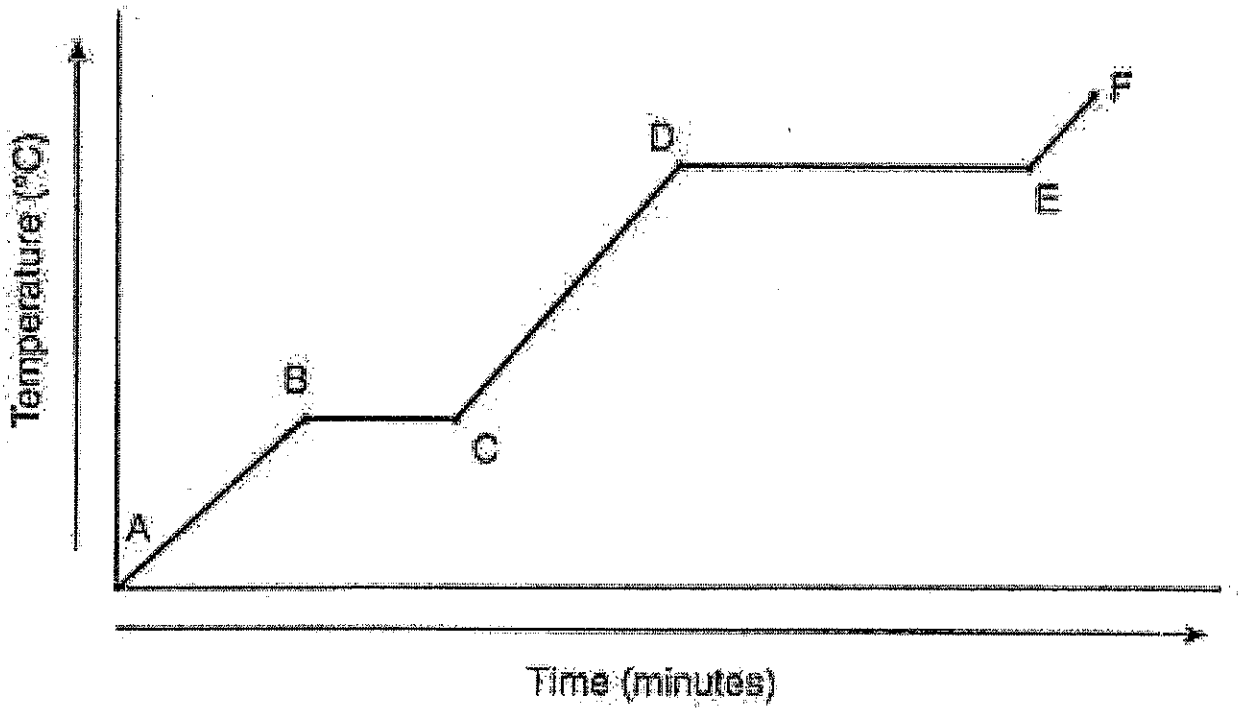
13) As temperature decreases do particles move faster or slower? _____

14) As we go left on the heating curve, do we gain (absorb) or lose energy? _____

15) As we go right on the heating curve, do we gain (absorb) or lose energy? _____

Name _____ Date _____

Sublimation and Deposition HW



1) In the diagram above, what state of matter is A → B? _____

2) In the diagram above, what state of matter is C → D? _____

3) In the diagram above, what state of matter is E → F? _____

4) What phase change is occurring when we go straight from E/F → A/B?

_____

5) What phase change is occurring when we go straight from A/B → E/F?

_____

6) What is happening to the temperature from A→ F? _____

7) What is happening to the temperature from F→ A? _____

8) Describe sublimation and give an example.

_____

_____

9) Describe deposition and give an example.

_____

_____