



Chemistry

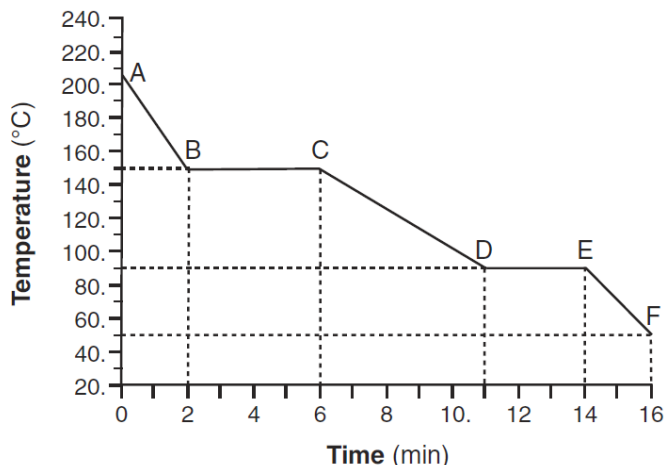
Name: _____

Section _____

Cooling Curve WS

Date: _____

Cooling Curve for a Substance



Answer the following questions using the chart above.

1. Is energy increasing or decreasing moving right on the x-axis? _____
2. What is the freezing point of the substance? _____
3. What is the boiling point of the substance? _____
4. What is the melting point of the substance? _____
5. What segment represents the range where a solid is being cooled? _____
6. What segment represents the range where a liquid is being cooled? _____
7. What segment represents the range where a vapor is being cooled? _____
8. What segment represents the range where a vapor is condensing? _____
9. What segment represents the range where a liquid is freezing? _____
10. What range(s) show a change in PE? _____
11. What range(s) show a change in KE? _____
12. What range represents vaporization? _____
13. What range represents melting? _____