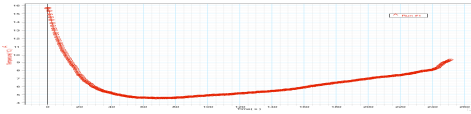


Melting Ice Graph

My melting point was: _____



Magic Shell Discussion

- 1) Look at the temperatures you recorded as you cooled the shell topping. It will seem almost as if the mixture "stalled" at a certain temperature. **What is this temperature?**
- 2) Look at the temperatures you recorded as you heated the shell topping. **Is the "stalled" temperature about the same as it was when you cooled the mixture?**
3. See next page for graph of magic shell
- 3) Make a cooling curve graph and a heating curve graph. Place time on the x axis and temperature on the y axis. Label the area of your cooling graph where freezing occurred. Label the area of your heating graph where melting occurred.
4. When you cooled and then heated the shell topping, the temperature "stalled." What was happening at this temperature?
5. What would magic shell topping be like if the freezing/melting point was 20 °C?
6. What about if the freezing/melting point was 0 °C?

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Magic Shell Lab

What is the freezing/ melting point of Magic Shell?

Background:(answer)

A) Define Melting/freezing point:

B) What does temperature tell us about the motion of molecules?

Freezing		Melting	
Time (sec)	Temp. (°C)	Time (sec)	Temp. (°C)
0		0	
10		10	
20		20	
30		30	
40		40	
50		50	
60		60	
70		70	
80		80	

Roles: my role is _____

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Magic Shell Graph

