

Name: _____ Date: _____

Chemistry ~ Ms. Hart

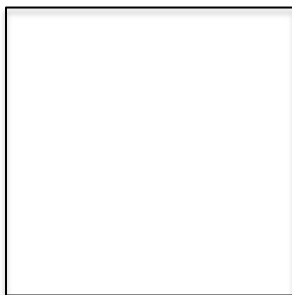
Class: _____ Anions or Cations



Lab #3: Conservation of Mass

Lab:

STEP 1: Draw a particle diagram of the chocolate in the solid phase:

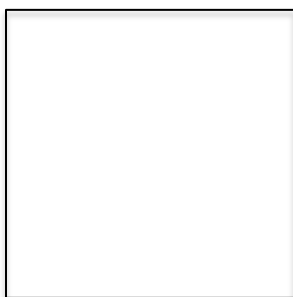


Initial Prediction: Based on your picture, will the liquid chocolate have the same mass as before, less mass or more mass?

Why?

Our big question: Is mass conserved during a phase change?

STEP 2: Now... we are going to melt it! Draw a particle diagram of the chocolate in the liquid phase:



Workspace:

Analysis:

- Was there any mass created or destroyed? How do you know? _____

- Did your prediction show mass being created or destroyed? _____

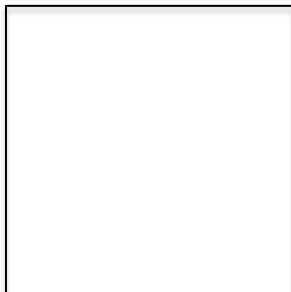
T-chart: Things that change and things that are conserved during a phase change!

CHANGE	CONSERVED

Take 2: Be sure to represent conservation of mass in this drawing!

STEP 1: Draw a particle diagram of the water in the solid phase:

Workspace:



STEP 2: Draw a particle diagram of the water in the liquid phase:

