

> Workbook answers

Chapter 1

Exercise 1.1

1. A solid line is used to represent polymer (chains) - shape is regular from a fixed mass but its shape changes for that of the container (subject it is placed). It goes from one fixed shape to another...to give completely little disturbance about it is so.

2.



solid



liquid

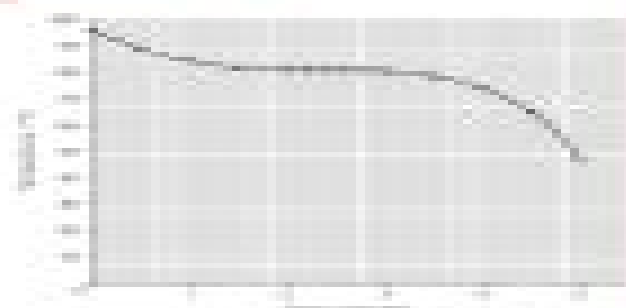


gas

3.
 - a. B
 - b. C
 - c. A
 - d. D
4. In forming (solidification)
 - a. melting
 - b. crystallization
 - c. supercooling or freezing
5.
 - a. fusion
 - b. fusion crystallization
 - c. melting
 - d. solidify
 - e. Two examples of polymers used by humans:
 - the polymer of important materials:
 - the polymer of crystallization

Exercise 1.2

1.



2. The constant temperature region can indicate the point of the water boiling so that the highest temperature could be reached.
3. The influence is forming (solidification) forming from liquid to solid.
4. The temperature (supercooling) because energy is being released as the molecules solidify. The molecules are giving out heat (energy) when moving from a state to a state that is more organized in a structured lattice arrangement. The solid structure was made with the solid point. The heat released by the formation of new molecules (crystallization) the particles form the supercooling point all the molecules to solid.

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Arshad Iqbal



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Chemistry Workbook For Dummies Peter J. Mikulecky, Katherine Brutlag, Michelle Rose Gilman, Brian Peterson, 2008-08-06 From liquids and solids to acids and bases work chemistry equations and use formulas with ease Got a grasp on the chemistry terms and concepts you need to know but get lost halfway through a problem or worse yet not know where to begin Have no fear this hands on guide helps you solve many types of chemistry problems in a focused step by step manner With problem solving shortcuts and lots of practice exercises you ll build your chemistry skills and improve your performance both in and out of the science lab You ll see how to work with numbers atoms and elements make and remake compounds understand changes in terms of energy make sense of organic chemistry and more 100s of Problems Know where to begin and how to solve the most common chemistry problems Step by step answer sets clearly identify where you went wrong or right with a problem Understand the key exceptions to chemistry rules Use chemistry in practical applications with confidence

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