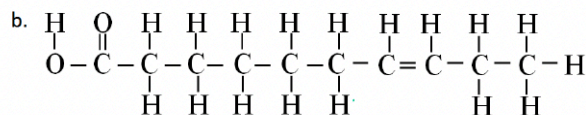
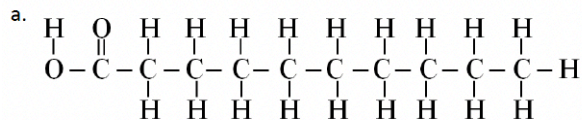


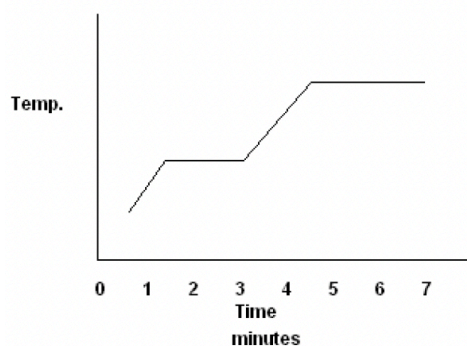
Unit 3.2

Intermolecular Forces & Properties

1. Which of the following structures is most likely to be a solid at room temperature? Justify your answer in terms of intermolecular interactions?



2. The following graph shows the plot of temperature versus time as heat is added to a pure substance.



- (a) During what period of time was the substance at its normal freezing point?
- (b) Over what period of time was the substance boiling?
- (c) What is happening to the substance between the 1 and 1.5 minute marks?
- (d) What is happening to the substance between the 2 and 3 minute marks?
- (e) What is happening to the substance between the 3.5 and 4.5 minute marks?
- (f) What is happening to the substance between 5 and 7 minute marks?

