Just Thaw and Serve (Textbook p. 146-147)

The Work of Engineers

**A. Read the text and find the information.**

1- What is DassaultSystèmes? Who are their regular customers and what services do they provide?  
*It is a French software company. Dassault sells high-end product-testing softwareto such companies as Boeing and Toyota.*

2- How were the engineers at DassaultSystèmes able to help Mougin?

*They helped him simulate an iceberg’s entire journey from Newfoundland to the Canary Islands.*

3- What did the engineers simulate with precision? What was their conclusion?

*They simulated the trip that a boat towing a 7-million-ton berg would take in terms of days and energy, as well as how much ice would melt. They concluded it was worth the try.*

4- What did the engineers conclude about the rate at which ice melts?

*They computed that larger iceberg didn’t lose much more water than smaller ones, in other words that themelting rate didn’t depend on the size of the iceberg.*  
  
5- What other project did the engineers work on?

*They had previously made it possible to visualise architect Jean-Pierre Houdin’s theory on how the GreatPyramid of Giza was built.”*

6- How did 3-D technology help improve Mougin’s idea?

*It helped simulate of the parameters that had to be taken into account such as the weather conditions,currents and eddies and even the consequences of a possible storm.*

7- Why does DassaultSystèmes finance work like this?

*It’s obviously a way to advertise the quality and efficiency of their sofware.*