

3. [18– 19 S1 Final Exam #8]

In **Figure 3**, the pie chart shows the expenditure of Karina in a Japan trip.

- (a) It is given that she spent \$1500 on meals. Find the total expenditure. **(1 mark)**
 (b) Find the expenditure on souvenir. **(2 marks)**

The expenditure of Karina in a Japan trip

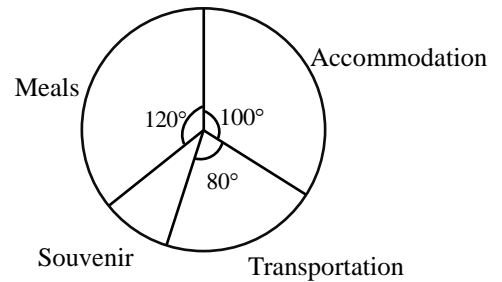


Figure 3

4. [20-21 S1 Final Exam #8]

Figure 2 shows the average daily temperatures and the sales of electric heaters of a shop from Monday to Friday last week.

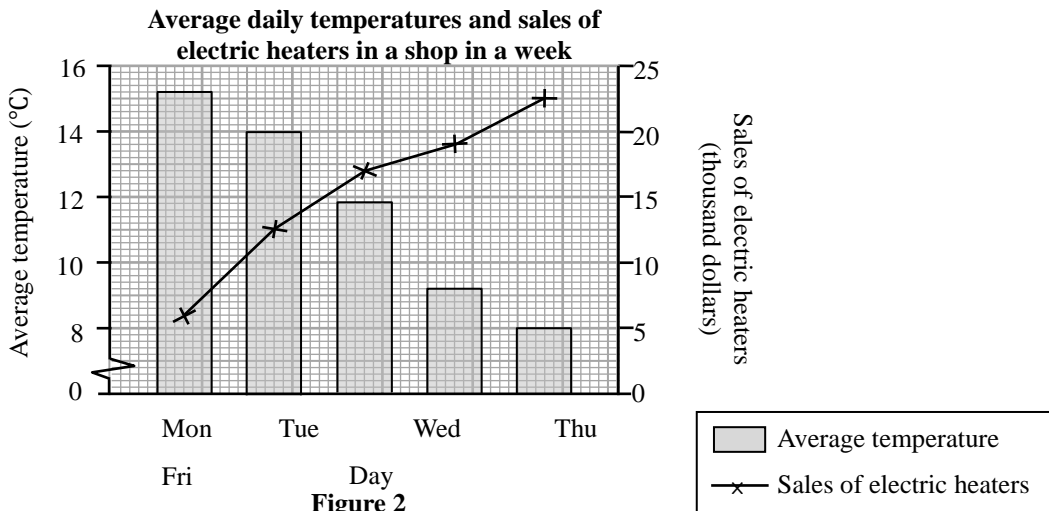


Figure 2

- (a) Which day had the greatest sales of the electric heaters? What was the sales on that day? **(1 mark)**
 (b) Which day had the lowest average temperature? What was the average temperature on that day? **(1 mark)**
 (c) Do you think there was a relation between the average daily temperatures and the sales of electric heaters in the shop? Explain your answer. **(1 mark)**

5. [20-21 S1 Final Exam #19]

The following data show the completion time (in s) of Jenny and Kenji in some 200 m races.

<u>Jenny</u>	<u>Kenji</u>
22, 33, 41, 23, 32, 33, 20, 21, 18, 19	32, 32, 17, 22, 42, 29, 35, 41, 33, 42

- (a) Complete the back-to-back stem-and-leaf diagram to represent these data. **(2 marks)**

The completion time (s) in some 200 m races

Jenny		Kenji
Leaf (1s)	Stem (10s)	Leaf (1s)

- (b) Based on the diagram drawn in part (a), do you agree that the overall performance of Kenji is better in the 200 m races? Explain your answer. **(1 mark)**

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