

Exercise 1

Calc. : ✓

Below you will find information about temperatures in Greece and Sweden. The information for one of the countries is in Table 1:

Table 1.

Month	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec
Temperature (řC)	-2	-2	1	6	10	14	18	17	13	7	4	0

For the other country, we know the information below:

Table 2.

Mean (řC)	19
Median (řC)	19
Mode (řC)	25
Range (řC)	18
Interquartile range (řC)	10

1. Calculate the mean, median, mode and interquartile range for the data set given in Table 1.
(Show your working)

4 marks
2. Using statistical data, which of the data sets is for Sweden and which one is for Greece?
Explain your choice.

2 marks
3. In which country the temperatures are more homogenous? Explain why.

2 marks