



PROPOSED EXERCISES UNIT 4

- 1) Using the values of the variable *Network hours* (Number of hours per week in social networks), answer to the following questions (sheet 'Social network hours'):
- What is the most frequent number of hours per week that the students spent in social networks?
 - What is the average number of hours that these students spent in social networks per week?
 - Calculate the values of this variable that limit the middle 80% of the students?
- 2) The following data are based on a survey of 30 families about the number of vehicles in their respective homes. (Sheet 'Vehicles')

0	1	3	0	4	4	3	2	3	4
2	2	0	1	2	3	1	5	3	1
4	3	4	3	2	3	3	0	3	4

- Calculate the average number of vehicles per home.
- What is the number of vehicles that 25% of homes have less than?
- Between which values do we find the middle 50% of homes?
- Some studies estimate that the yearly expenditure per vehicle is approximately 2000 euros. What would be the average yearly expenditure in vehicles per home?