



## Englische Übungen zu Statistische Darstellungen und Baumdiagramme

1. Bill and Alex took a 5-day bicycle tour. The timetable below shows the miles travelled.

Day 1	Day 2	Day 3	Day 4	Day 5
56.8	54.3	47.6	25.9	61.4

- a. On which day did they travel the most miles? On which day did they travel the fewest miles?
- b. How many miles a day did they travel on average? Round off to whole miles.
2. How many people are in your family?
- a. Make a table of the family-size data for the class.
- b. What is the maximum (largest) number of people in a family?  
What is the minimum (smallest) number of people in a family?
- c. What is the mean family size for the class?
- d. Make a straight line graph of the family-size data for the class.





3. Maria orders frozen yoghurt. She can choose between vanilla flavoured yoghurt, strawberry flavoured yoghurt and chocolate flavoured yoghurt. As a topping she can either have chocolate chips, nuts or fruits.
- Draw a tree diagram that depicts all possible options.
  - How many different options can Maria choose from?

## Vocabulary

Englisch	Deutsch
average	Durchschnitt
mean	Mittelwert
straight line graph	Streckendiagramm
vanilla flavoured	mit Vanillegeschmack
strawberry flavoured	mit Erdbeergeschmack
chocolate flavoured	mit Schokoladengeschmack
chocolate chips	Schokostücke
tree diagram	Baumdiagramm
to depict	abbilden
options	Möglichkeiten





## Solutions

1. Bill and Alex took a 5-day bicycle tour. The timetable below shows the miles travelled.

Day 1	Day 2	Day 3	Day 4	Day 5
56.8	54.3	47.6	25.9	61.4

- a. On which day did they travel the most miles? On which day did they travel the fewest miles?

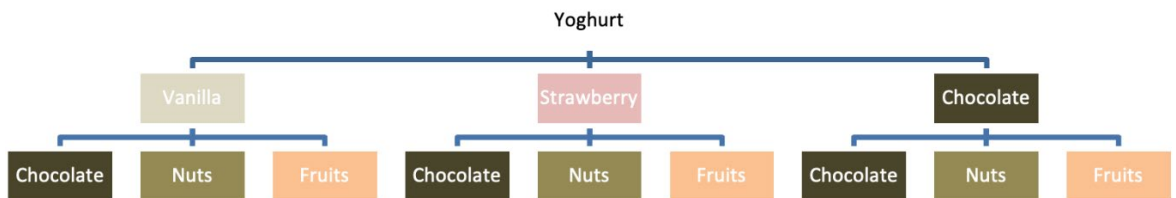
**On day 5 they travelled the most miles.**

- b. How many miles a day did they travel on average? Round off to whole miles.

**They travelled 49 miles (49.2) a day on average.**

## 2. individual solution

### 3. a.



### b. 9 different options

