# Functional Skills Level 1

Data & Graphs — Worksheet 2

**1.** A survey asks 25 students how they get to college. 10 walk, 9 travel by bus and 6 travel by car. How many students were surveyed?

**2.** Using the information in Question 1, what fraction of the students travel by car? Give your answer in its simplest form.

**3.** The numbers of calls received by a help desk over five hours were 12, 18, 15, 10 and 20. Find the total number of calls.

**4.** Using the data in Question 3, find the mean number of calls per hour.

**5.** The rainfall over five days was 6 mm, 12 mm, 9 mm, 15 mm and 8 mm. What was the lowest rainfall?

**6.** Using the rainfall data in Question 5, what was the range?

**7.** A café records the number of customers on four days: Monday 38, Tuesday 45, Wednesday 41 and Thursday 52. Which day had the fewest customers?

**8.** Using the customer numbers in Question 7, how many customers visited the café altogether?

**9.** A pictogram shows that each symbol represents 4 people. There are 7 symbols for people who chose football. How many people chose football?

**10.** A bar chart shows books sold: Fiction 32, Travel 18, Cookery 25 and History 20. Which category sold the most books?

**11.** Using the book sales in Question 10, how many more fiction books than travel books were sold?

**12.** A survey of 40 people asks their favourite drink. Tea 16, coffee 12, juice 8 and water 4. What percentage chose coffee?

**13.** A line graph shows a runner completed 4 km in Week 1, 6 km in Week 2, 5 km in Week 3 and 9 km in Week 4. How many kilometres did the runner complete altogether?

**14.** Using the data in Question 13, how many more kilometres were completed in Week 4 than Week 1?

**15.** A shop records items sold: Shirts 15, Trousers 12 and Shoes 9. What is the total number of items sold?

**16.** Using the data in Question 15, what percentage of the items sold were shirts? Give your answer to the nearest whole percent.

**17.** The scores in a test are 5, 7, 6, 7, 8, 7 and 4. What is the mode?

**18.** Using the test scores in Question 17, what is the median score?

**19.** A survey asks 60 people whether they prefer tea or coffee. 35 prefer coffee. How many prefer tea?

**20.** A pie chart represents 48 students. One third of the students chose football. How many students chose football?