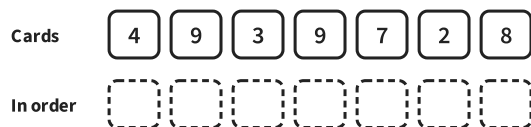


1 Averages and range

- a) Write down the mode and the range of the cards.
b) Find the median and the mean.



2 Averages: a missing number

Four cards have a mean of 6.

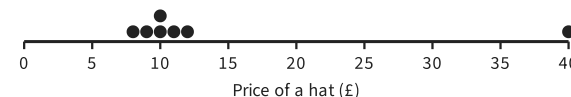
- a) Work out the total of the four cards.
b) Three of the cards are 5, 9 and 3. Find the fourth card.



3 Choosing the best average

The prices of seven hats in a shop.

- a) Find the median price.
b) Which describes the prices better, the mean or the median? Why?



4 Averages: comparing

Ben and Cal each did five spelling tests.

- a) Who scored more on average?
b) Whose scores were more consistent? Why?

	Mean	Range
Ben	7	2
Cal	5	6

Averages and range

revision mat

Foundation B

5 Mean from a frequency table

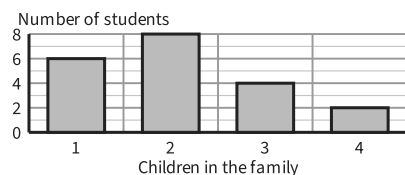
The goals scored in 20 football matches.

- a) Write down the mode.
b) Complete the table. Work out the mean.

Goals	0	1	2	3	Total
Frequency	5	7	6	2	20
Goals $\times$ frequency	0				

6 Averages from a bar chart

- a) Write down the mode.
b) Work out the range.



7 Estimated mean: grouped data

The masses of 10 parcels.

- a) Complete the midpoint column.
b) Complete the table. Estimate the mean mass.

Mass, m (kg)	Frequency	Midpoint	Freq $\times$ midpoint
$0 < m \leq 4$	3	2	6
$4 < m \leq 8$	5		
$8 < m \leq 12$	2		
Total	10		

8 Grouped data: averages

How long 30 people waited at a doctor's surgery.

- a) Write down the modal class.
b) How many people waited more than 10 minutes?

Time, t (minutes)	Frequency
$0 < t \leq 5$	4
$5 < t \leq 10$	11
$10 < t \leq 15$	9
$15 < t \leq 20$	6