

Q1. (2020)

10

Alex and Bev sat six tests, each with 50 marks.

The table shows their mean percentages after five tests.

Alex	60%
Bev	52%

After all six tests, their mean percentages were equal.

In the sixth test, Alex scored 24 out of 50

Work out Bev's score, out of 50, in the sixth test.

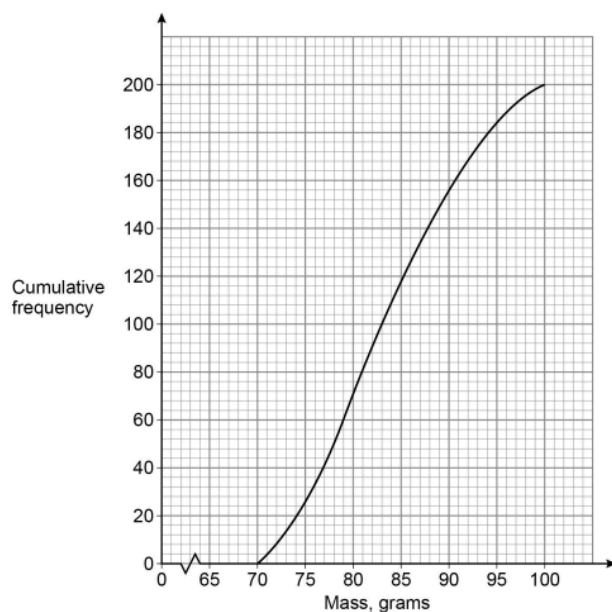
[4 marks]

Answer _____ out of 50

Q2. (2020)

17

The cumulative frequency graph shows information about the masses of 200 apples.



17 (a) Estimate the median mass.

[1 mark]

Answer _____ grams

Q3. (2021)

- 7 102 boys and 85 girls took a test.
The table shows information about the mean marks.

	Boys	Girls
Number of students	102	85
Mean mark	68.5	72.4

The pass mark for the test was 70

Was the mean mark for **all** of these students greater than the pass mark?

You **must** show your working.

[3 marks]

Q4. (2022)

- 8 A school play takes place each day from Monday to Friday.
Here are the attendances on four of the days.

Monday	Tuesday	Wednesday	Thursday
72	83	88	97

For all **five** days, the mean attendance is 90

Work out the attendance on Friday.

[3 marks]