

Q1. (2018)

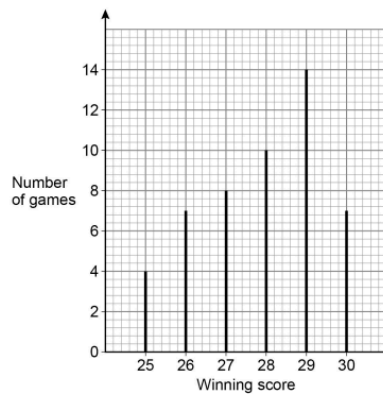
- 27 A coin is thrown 50 times.
It lands on heads 31 times.

- 27 (b) Raj says,
"The coin is biased towards heads."
Use the data to give a reason why he might be correct.

[1 mark]

Q2. (2019)

- 8 A game is played 50 times.
The vertical line chart shows the winning scores.



(A)

- 8 (a) Write down the mode.

[1 mark]

Answer _____

(B)

- 8 (b) Use the chart to estimate the probability that the winning score is 25

[1 mark]

Answer _____

(C)

- 8 (c) Use the chart to estimate the probability that the winning score is 27 or more.

[2 marks]

Answer _____

Q3. (2019)

18 Here is some data about the people listening to a radio station one day.

	Percentage	Mean number of hours listening	Range of number of hours listening
Aged 40 or under	21	1.2	4.5
Aged 41 or over	79	6.3	13.9

Compare the data for people aged 40 or under with the data for people aged 41 or over.
Make **three** comparisons.

[3 marks]

Comparison 1 _____

Comparison 2 _____

Comparison 3 _____

Q4. (2023)

14 Here is some data about people visiting a gym one week.

	Percentage of all visitors	Mean number of hours visiting	Range of number of hours visiting
Members	64	4	6
Guests	36	$2\frac{1}{2}$	8

Compare the data for the members with the data for the guests.
Make **three** comparisons.

[3 marks]

Comparison 1 _____

Comparison 2 _____

Comparison 3 _____

