

Statistics — Full Revision

Name:

Date:

INQUIRY

Data, averages, graphs, and probability — the tools for understanding the world with numbers.

Discuss with your partner. Write your initial ideas below:

Key Vocabulary

Term	Definition
Mean	Total / count.
Median	Middle value.
Probability	0 to 1. $P = \text{favourable} / \text{total outcomes}$.

Full Revision (30 marks)

1. Classify: (a) shoe size (b) eye colour (c) temperature. Give type for each. [3 marks]

2. Find mean, median, mode, range: 12, 15, 18, 15, 20, 10, 15. [4 marks]

Show your working:

3. P(rolling even on a die). [1 marks]

Show your working:

4. Bag: 4 red, 6 blue. P(red)? If 50 draws, expected reds? [3 marks]

Show your working:

5. Which graph for: (a) NIS nationalities (b) Nanjing temperature over a year? Explain. [2 marks]