Practice worksheet | Statistics

Sampling and survey quality

Name: _____ Date: _____

6 questions | 13 marks

1. A principal surveys 60 of the school's 900 students. Name the population and sample. [2 marks]

2. A gardening-club poll estimates how many town residents grow vegetables. Explain one likely bias. [2 marks]

3. A year group has 180 students in A and 120 in B. Allocate a proportional sample of 50. [3 marks]

4. Explain how to choose a systematic sample of 10 from a list of 100, using a random start. [2 marks]

5. Rewrite neutrally: Do you agree that our excellent new canteen is much better? [2 marks]

6. Forty names are chosen randomly, but only 18 students reply. Why should a report mention this? [2 marks]