Primary/secondary data

6 questions | 11 marks

Equivalent correct methods earn the corresponding marks.

1. You reuse a published census table. Classify the source for your project. [1 mark]

The data already exist.

Answer: Secondary.

2. You measure 12 seedlings grown for your study. Classify the source. [1 mark]

You collect measurements first-hand for the study.

Answer: Primary.

3. You use a friend’s class survey from last year in a new project. Classify it. [2 marks]

It was collected previously for another purpose.

Answer: Secondary.

4. A travel-time graph lacks vertical-axis units. What must you establish? [2 marks]

Numbers have different meanings with different units.

Answer: Whether values are seconds, minutes, hours or another defined unit.

5. A current Year 8 question uses Year 12 data collected five years ago. Give two suitability concerns. [2 marks]

Age/year level and changing conditions may both matter.

Answer: Different group and different period.

6. A source includes names and journey times. What should a public report use instead? [3 marks]

Protect the identities of participants.

Answer: Anonymous times or suitable summaries without names.