Practice worksheet | Statistics and sampling

Population, census and sample

Name: _____ Date: _____

6 questions | 12 marks

1. A club interviews 40 of its 160 current members. Identify the population and sample. [2 marks]

2. Every one of 36 garden trees is measured. Census or sample of those trees? [1 mark]

3. A survey invites 120 students; 84 reply. What is the response count? [2 marks]

4. A survey uses library visitors to estimate the views of all registered members. Explain a coverage issue. [2 marks]

5. Give one reason a census of a 24-student class is practical. [2 marks]

6. A school samples 20 students from each of six year levels. Find the sample size. Does size alone prove representativeness? [3 marks]