Practice worksheet | Statistics

Designing and reporting an investigation

Name: _____ Date: _____

6 questions | 14 marks

1. Write a precise question about Year 9 homework time, naming a population and measurement. [2 marks]

2. Suggest a fair sample for comparing homework time in two Year 9 classes. [2 marks]

3. For walking times 8, 10, 10, 12, 15, 17, calculate mean, median and range. [3 marks]

4. A student records 600 minutes for a short school journey. What should happen before analysis? [2 marks]

5. Choose a display to compare the supplied walking and bus times. [2 marks]

Six observations per group. Rows are not matched students.

Walk (min)	Bus (min)
8	5
10	8
10	12
12	12
15	15
17	20

6. Give two limitations of an investigation using six volunteers from each travel group. [3 marks]