Practice worksheet | Statistics and sampling

Reviewing numerical displays and summary statistics

Name: _____ Date: _____

6 questions | 16 marks

1. Find the mean, median, mode and range of 5,6,6,7,11. [4 marks]

2. How many students read at least 3 books in the supplied table? [2 marks]

Example data: books read in one week

Books	Frequency
0	1
1	2
2	4
3	2
4	1

3. Find the median books read from the supplied table. [2 marks]

Example data: books read in one week

Books	Frequency
0	1
1	2
2	4
3	2
4	1

4. A stem-and-leaf display has rows $1 \mid 2\ 4\ 6$ and $2 \mid 0\ 3$, with key $1 \mid 2 = 12$. List the data and range. [3 marks]

5. Choose a display for rainfall measured daily across a fortnight. Explain. [2 marks]

6. Columns for counts 45 and 50 start their vertical axis at 40. Explain the distortion. [3 marks]