Practice worksheet | Statistics and data analysis

Misleading claims and bias

Name: _____ Date: _____

6 questions | 14 marks

1. A website polls only its subscribers about national voting intentions. Name a risk. [2 marks]

2. Rewrite this leading question neutrally:'Do you agree our excellent new timetable should stay?' [2 marks]

3. Sales rose from 20 to 25. Find the absolute and percentage increase. [3 marks]

4. A report gives a mean income but no sample size, spread or sampling method. Name two useful additions. [2 marks]

5. A graph uses month 1, month 2, month 10 at equal horizontal spacing. Explain the distortion. [2 marks]

6. Why should you not delete an extreme value just to make a claim look stronger? [3 marks]