Practice worksheet | Statistics

Checking data claims in the media

Name: _____ Date: _____

6 questions | 11 marks

1. A report says all 30 students chose apples, but its table records 24 apples and 6 pears. Is the report correct? [1 mark]

2. A shop says 9 of 10 surveyed customers liked a product. What important group should the claim name? [2 marks]

3. A chart begins its vertical axis at 90 and shows values 96 and 100. What is the actual difference? [2 marks]

4. Compare 6 of 10 students with 6 of 20 students as percentages. [2 marks]

5. A table shows more ice creams sold on hotter days. Does this alone prove buying ice cream makes the weather hotter? [2 marks]

6. A class asked only students arriving by bicycle whether the school needs more bicycle racks. Suggest one way to improve the evidence. [2 marks]