Practice worksheet | Statistics

Outliers and fair conclusions

Name: _____ Date: _____

6 questions | 12 marks

1. Find fences for $Q_1 = 12$, $Q_3 = 20$. [2 marks]

2. A value equals the upper fence 32. Is it flagged by the strict outside rule? [2 marks]

3. Source confirms 1.75 m entered as 1.75 cm. What correction? [2 marks]

4. Find mean and median of 3, 4, 4, 5, 24. [2 marks]

5. Slow runners are removed to improve mean race time. Explain the problem. [2 marks]

6. Results change greatly without one genuine extreme. What should be reported? [2 marks]