Practice worksheet | Statistics

Comparing data sets

Name: _____ Date: _____

6 questions | 14 marks

1. Find mean, median and range for 3, 5, 5, 7, 10. [3 marks]

2. A: 6, 7, 8, 9, 10. B: 4, 8, 8, 8, 12. Compare means and ranges. [3 marks]

3. A: 11, 12, 13. B: 10, 14, 15. Does B's higher mean show every B score is higher? [2 marks]

4. Two waiting-time samples have medians 8 and 11 minutes. Interpret the difference. [2 marks]

5. Why is comparing raw totals from a five-minute test with a ten-minute test unfair? [2 marks]

6. A sample of six has a higher median score than another sample of six. Write a cautious conclusion. [2 marks]