Practice worksheet | Statistics and data analysis

Standard deviation

Name: _____ Date: _____

6 questions | 15 marks

1. Find the population SD of 2, 4, 6. [3 marks]

2. Find the population SD of 3, 3, 7, 7. [3 marks]

3. All scores increase by 10. What happens to their SD? [2 marks]

4. Lengths measured in metres have SD 0.4 m. Express the SD in centimetres. [2 marks]

5. A sample of 5 measurements has squared deviations totalling 20. Find the sample SD. [3 marks]

6. Population A has SD 2.1 min and B has SD 5.4 min. Which is less variable around its mean? [2 marks]