

National 5 Maths
SQA 2025 Paper 2
Question 4

The weights, in kilograms, of a sample of rugby players in Scotland are shown.

93 103 99 105 88 106 92

- (a) Calculate the mean and standard deviation of these weights. 4

A sample of rugby players in France has a mean weight of 105 kilograms and a standard deviation of 5.9 kilograms.

- (b) Make two valid comments comparing the **weights** of the rugby players in the samples from Scotland and France. 2
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Answers:

- (a) Mean = 98 kg
 Standard deviation = 7.07 kg
- (b) On average, the weights of the rugby players in Scotland are lower.
 The weights of the rugby players in Scotland are more varied.
 (or equivalent statements)