

National 5 Maths  
SQA 2017 Paper 1  
Question 12

National 5 Maths

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Gym members are asked to fill out a questionnaire to rate the quality of service provided.

They are asked to give a rating on a scale of 1 to 6.

The ratings given by five members were as follows:

1 4 6 3 6

In its simplest form, the standard deviation of these ratings can be written

as  $\frac{a\sqrt{b}}{2}$ .

Find the values of  $a$  and  $b$ .

4

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Answers:

$$a = 3$$

$$b = 2$$