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A farmers' market took place one weekend.

Stallholders were asked to record the number of customers who visited their stall.

The number of customers who visited six of the stalls on Saturday were as follows:

120 126 125 131 130 124

(a) Calculate the mean and standard deviation of the number of customers. 4

The mean number of customers who visited these six stalls on Sunday was 117 and the standard deviation was 6.2.

(b) Make two valid comments comparing the number of customers who visited these stalls on Saturday and Sunday. 2

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Answers:

(a) Mean = 126

Standard deviation = 4.05 (approx.)

(b) On average, the number of customers was higher on Saturday.

The number of customers was less varied on Saturday.

*(or equivalent statements)*