

(b) Over a twelve week period the number of books borrowed from the library each week was recorded.

Week	1	2	3	4	5	6	7	8	9	10	11	12
Number of books	460	146	345	680	935	320	734	140	452	648	780	446

(i) Calculate the 10-point moving average and complete the table below.

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10 week period ending:	Week 10	Week 11	Week 12
10-point moving average:			

[3]

(ii) Explain why considering a moving average is worthwhile in reviewing the number of books borrowed.

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[1]