Moving Average

Plot a moving average graph which helps to understand how the results change over a specified period. The progress of sales and amounts of consumption and production can also be seen.



SHARP

EL-9600 Graphing Calculator

Parameters					
name of parameter	content	name of parameter	content		
Н	moving average	S	moving sum		
1	counter	Х	starting point (x)		
J	counter	Y	starting point (y)		
K	counter	Yscl	scale of y-axis		
Μ	number of divisions	В	input of number of divisions		

E - <u>Exercise</u> -	1
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Find the moving average every three months (number of divisions: 3) from the following table of monthly sales.

Month	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.
Sales[\$]	300	326	323	344	300	401	398	450

On the graph, Xmax = 8, Ymin = 300, and Ymax = 450.

Set up condition: decimal point in Float Pt Mode.

2nd F SET UP C* 1* CL

<u>Step</u>

Key Operation

<u>Display</u>

1

Enter statistical data into L1.

STAT A * ENTER



3 0 0	ENTER 3 2 6
ENTER 3	2 3 ENTER
3 4 4	ENTER 3 0 0
ENTER 4	0 1 ENTER
3 9 8	ENTER 4 5 0
ENTER	



2

Specify the program mode. Select the title MVIN AVG.

2nd F PRGM A*







